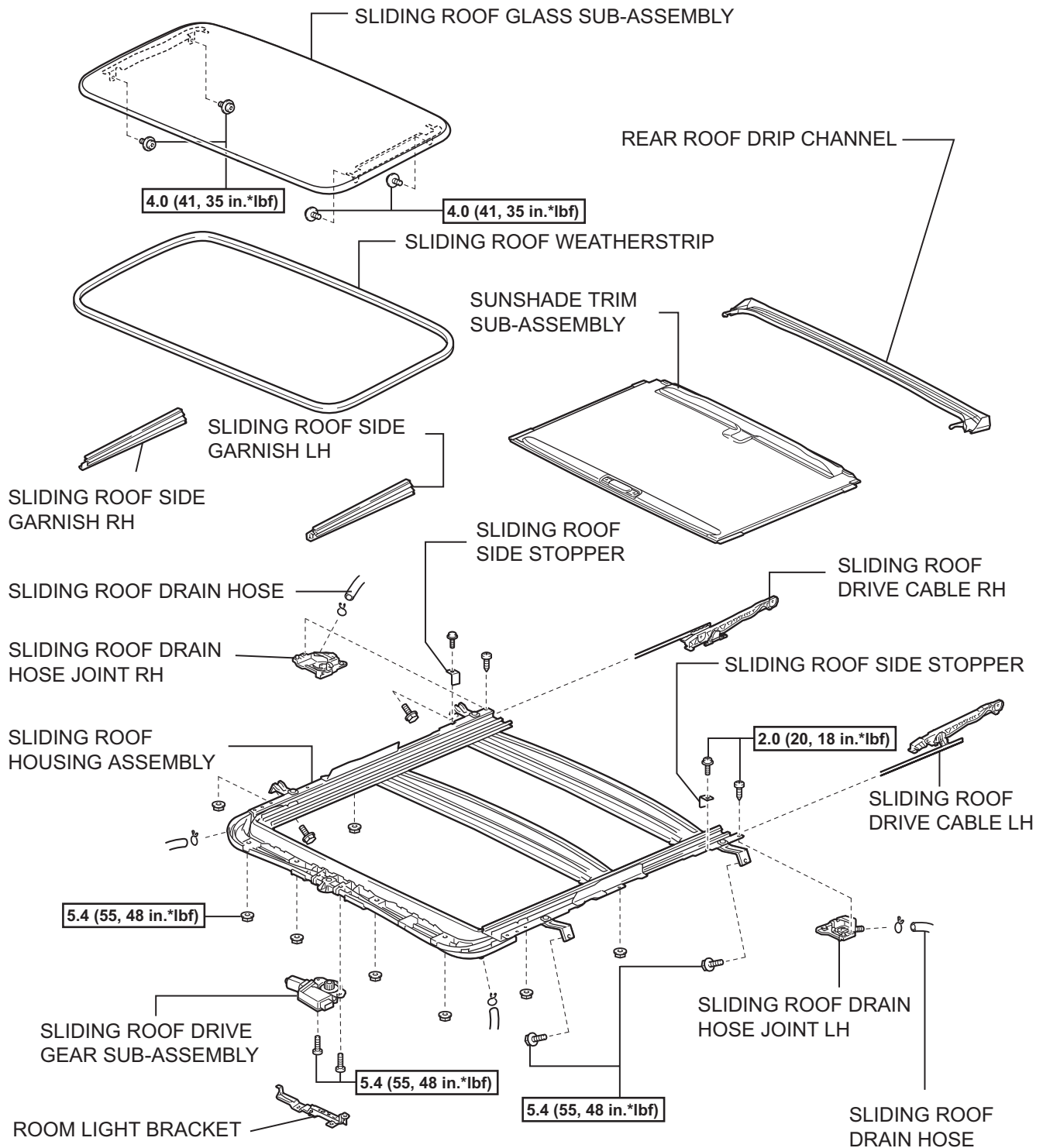


SLIDING ROOF HOUSING

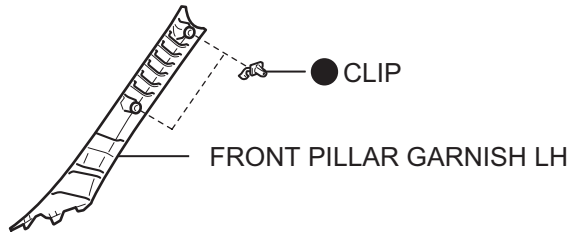
COMPONENTS

(2005/11-2006/01)

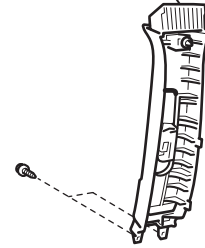


N*m (kgf*cm, ft.*lbf) : Specified torque

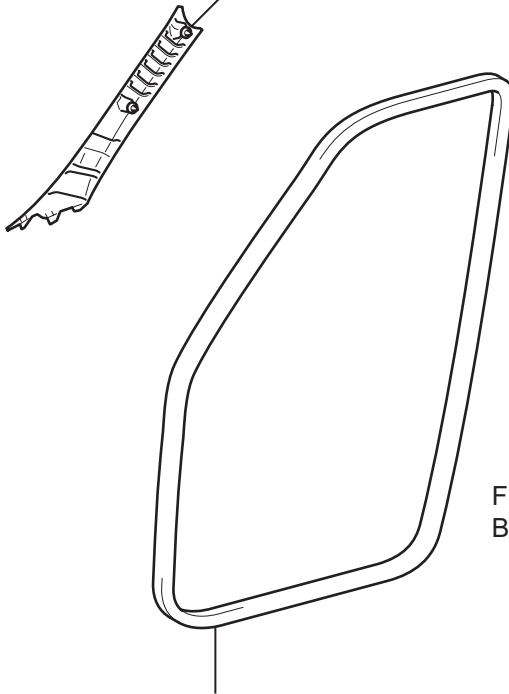
w/ Curtain Shield Airbag



CENTER PILLAR GARNISH LH

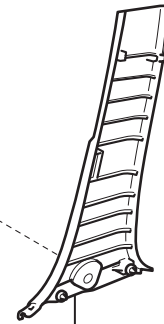


FRONT PILLAR GARNISH LH



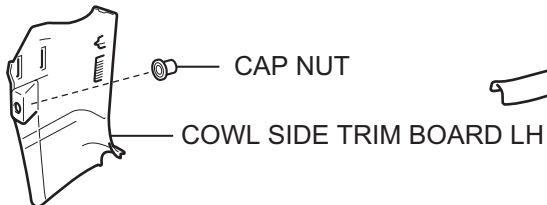
LAP BELT OUTER ANCHOR COVER

42 (428, 31)

FRONT SEAT OUTER
BELT ASSEMBLY LH

LOWER CENTER PILLAR GARNISH LH

FRONT DOOR OPENING TRIM WEATHERSTRIP LH

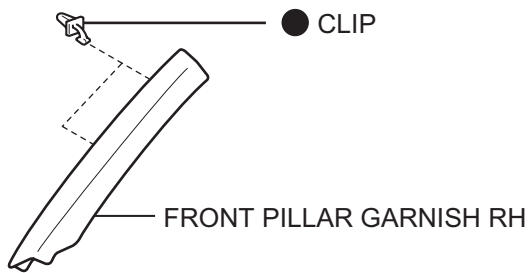


FRONT DOOR SCUFF PLATE LH

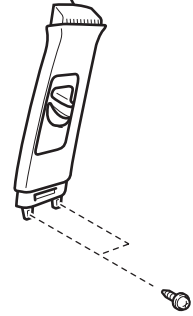
N*m (kgf*cm, ft.*lbf) : Specified torque

● Non-reusable part

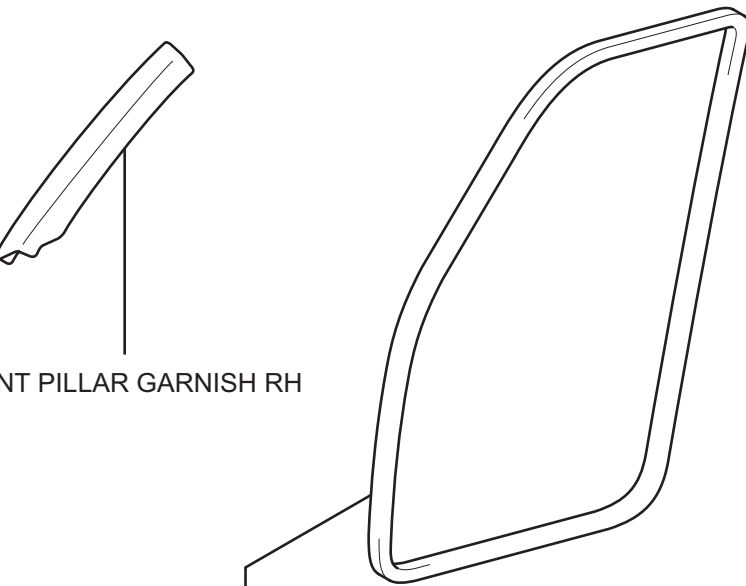
w/ Curtain Shield Airbag



CENTER PILLAR GARNISH RH



FRONT PILLAR GARNISH RH

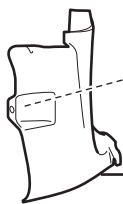


FRONT DOOR OPENING TRIM WEATHERSTRIP RH

LOWER CENTER PILLAR GARNISH RH

FRONT SEAT OUTER BELT ASSEMBLY RH

LAP BELT OUTER ANCHOR COVER



CAP NUT

COWL SIDE TRIM BOARD RH



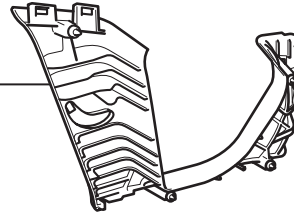
FRONT DOOR SCUFF PLATE RH

N*m (kgf*cm, ft.*lbf) : Specified torque

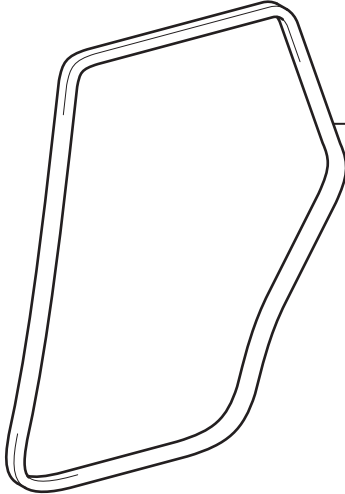
● Non-reusable part

w/o Rear No. 2 Seat

INNER ROOF SIDE GARNISH ASSEMBLY LH



REAR DOOR OPENING TRIM WEATHERSTRIP LH

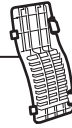


REAR DOOR OPENING TRIM WEATHERSTRIP LH

SIDE WINDOW GARNISH HOOK

RF

DECK TRIM SIDE SERVICE HOLE COVER



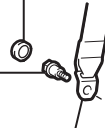
REAR SEAT SHOULDER BELT HANGER



ROPE HOOK



LAP BELT OUTER ANCHOR COVER



42 (428, 31)

42 (428, 31)

REAR NO. 1 SEAT OUTER BELT ASSEMBLY LH



REAR DOOR SCUFF PLATE LH

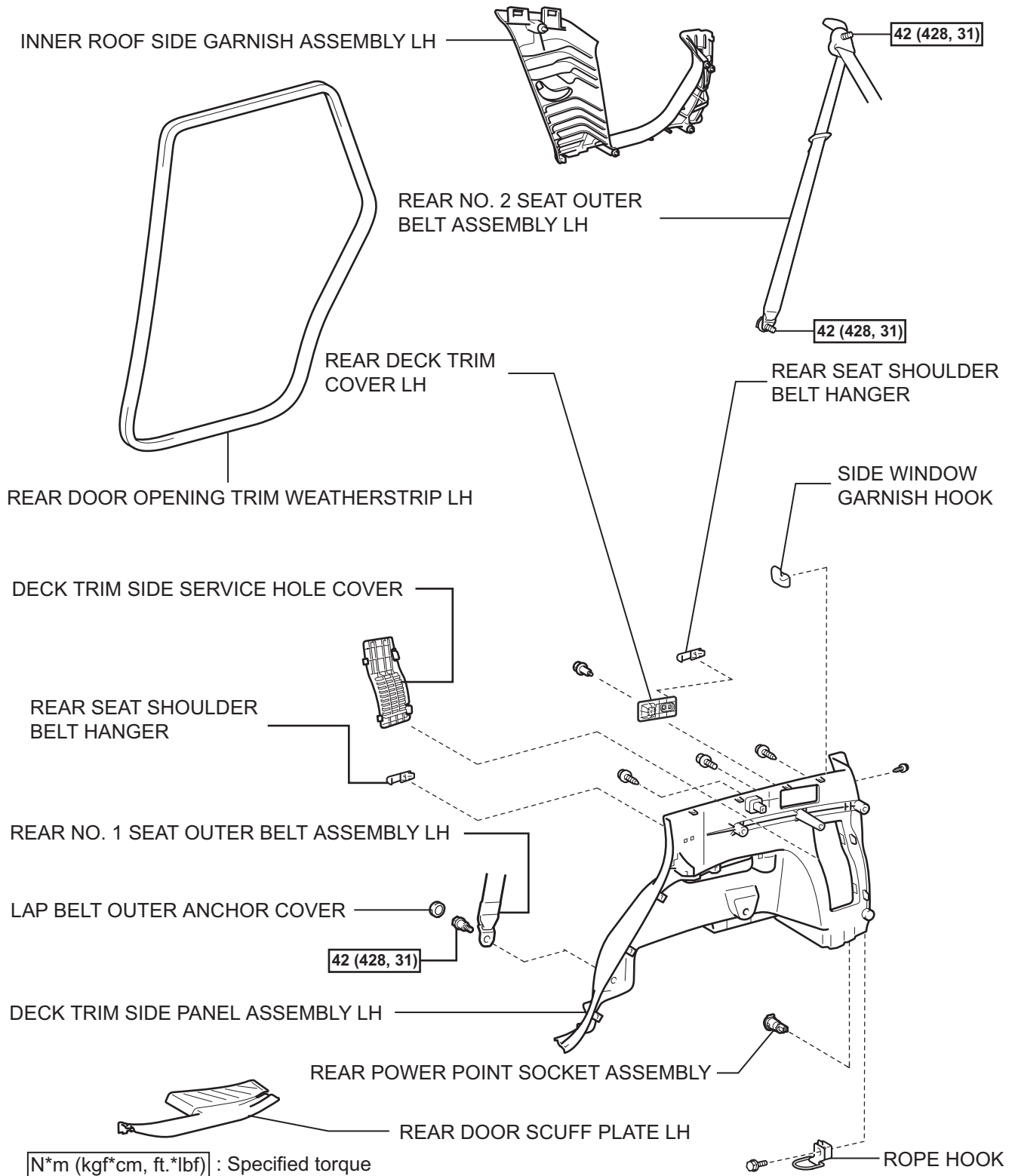
DECK TRIM SIDE PANEL ASSEMBLY LH

REAR POWER POINT SOCKET ASSEMBLY

ROPE HOOK

N*m (kgf*cm, ft.*lbf) : Specified torque

w/ Rear No. 2 Seat



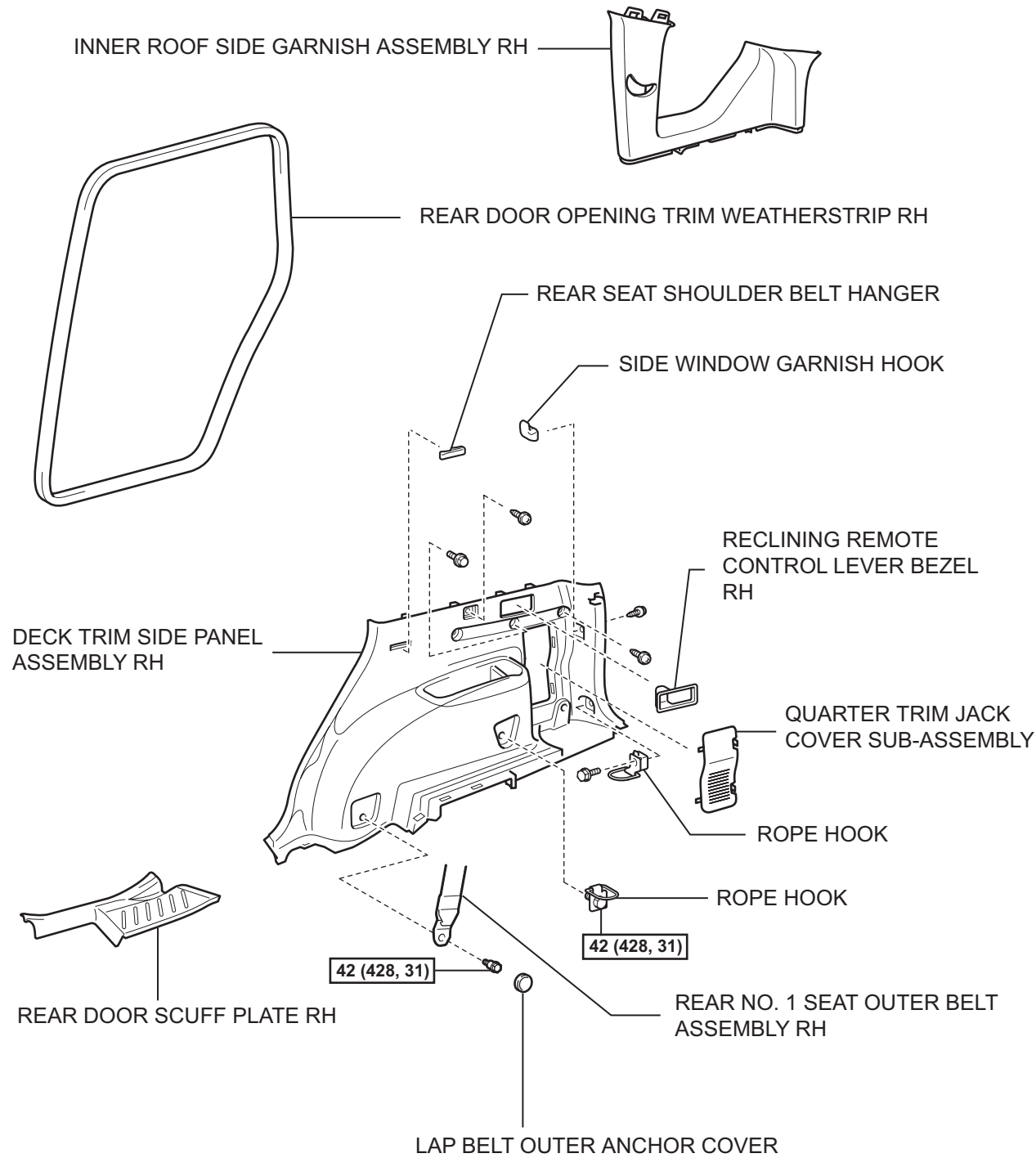
T

B130110E05

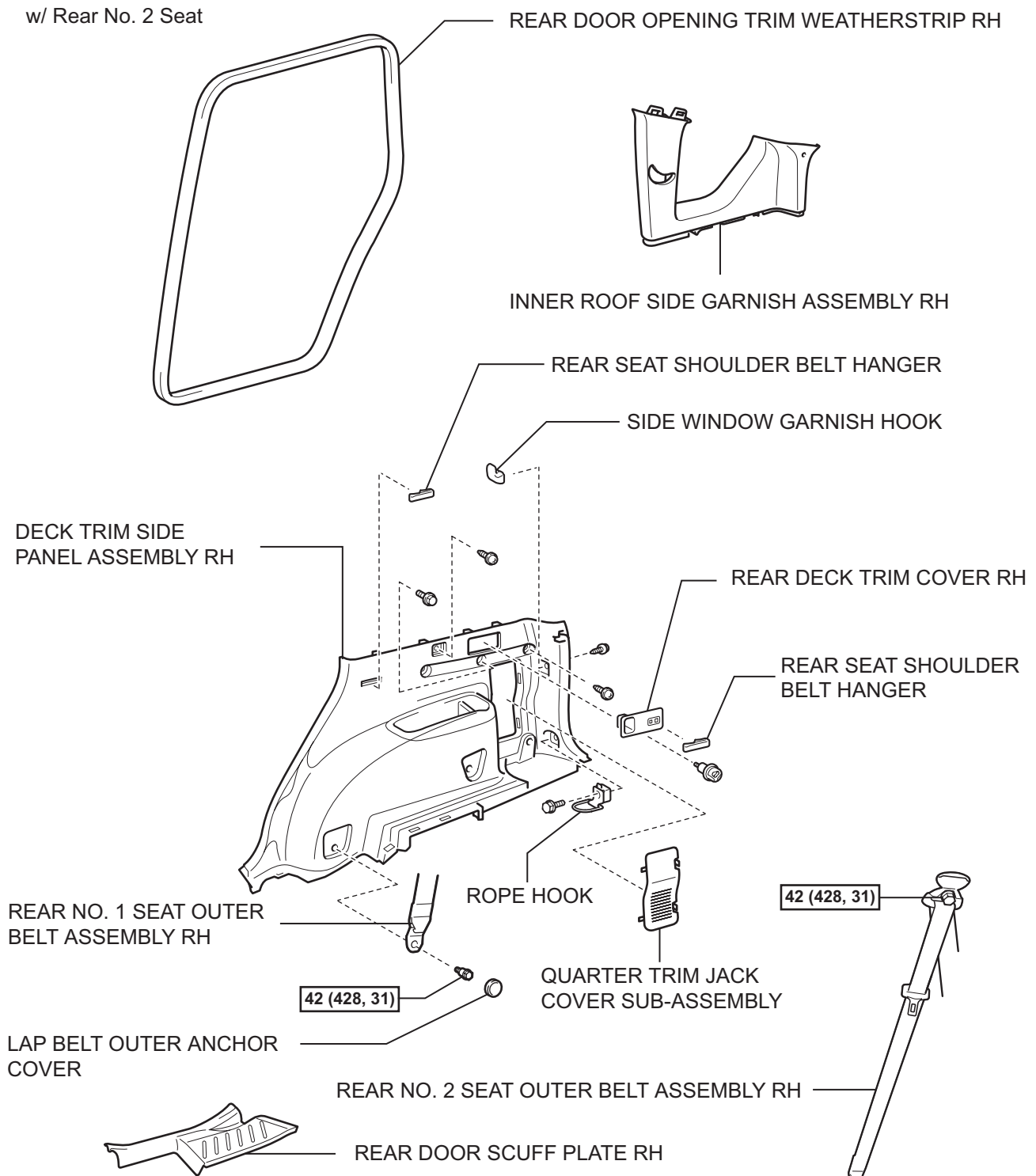
RF

w/o Rear No. 2 Seat

RF

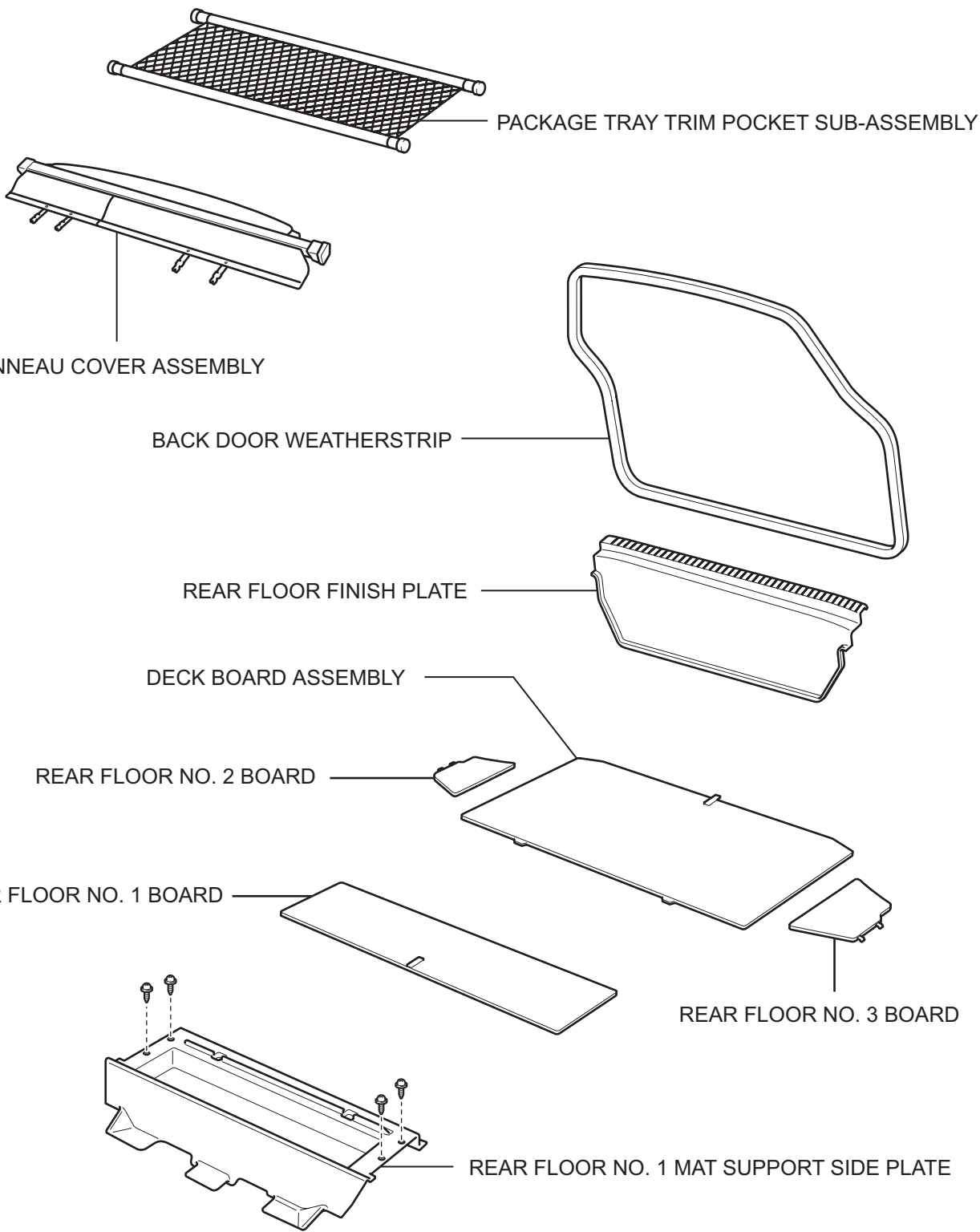


N*m (kgf*cm, ft.*lbf) : Specified torque



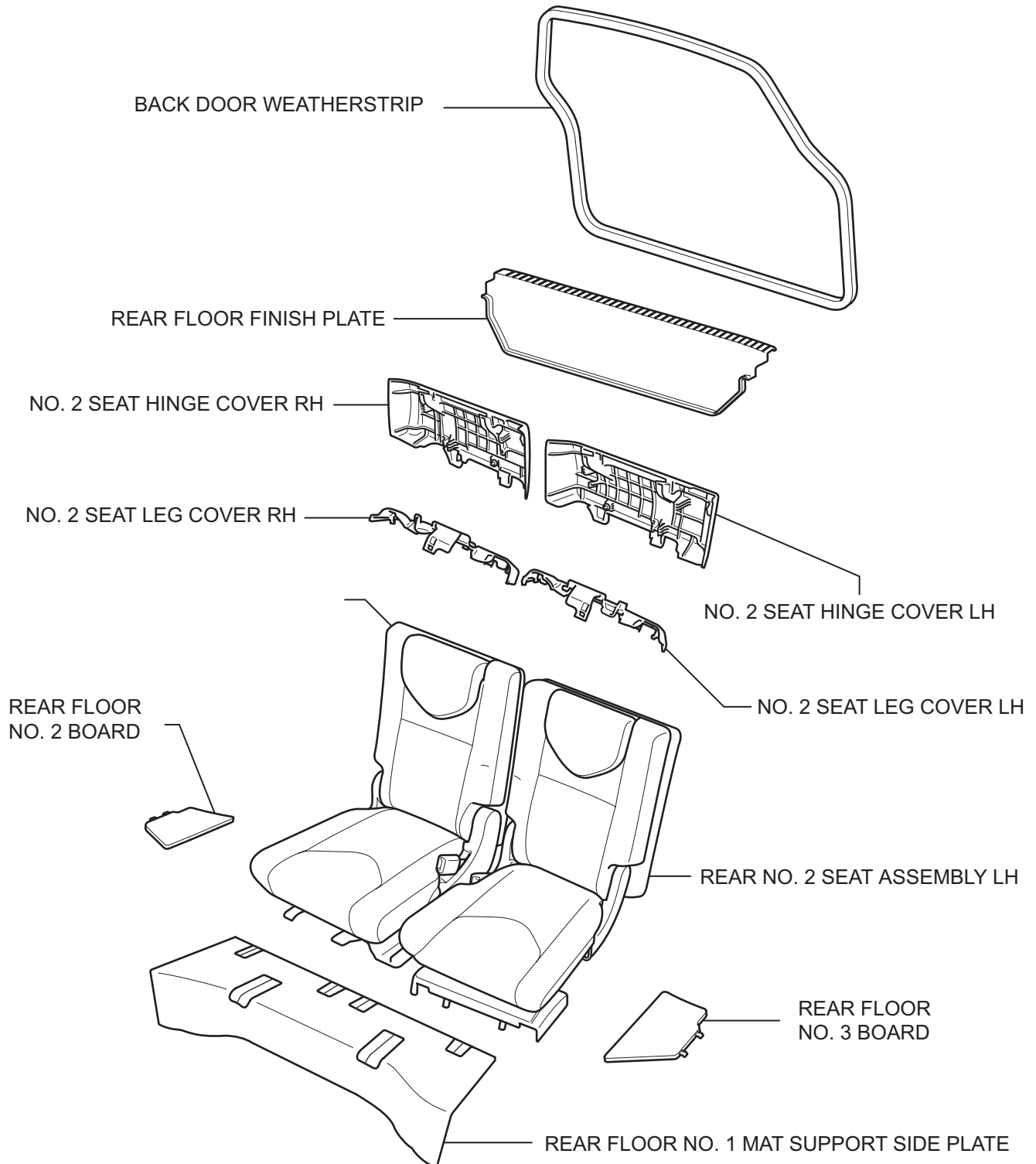
N*m (kgf*cm, ft.*lbf) : Specified torque

w/o Rear No. 2 Seat



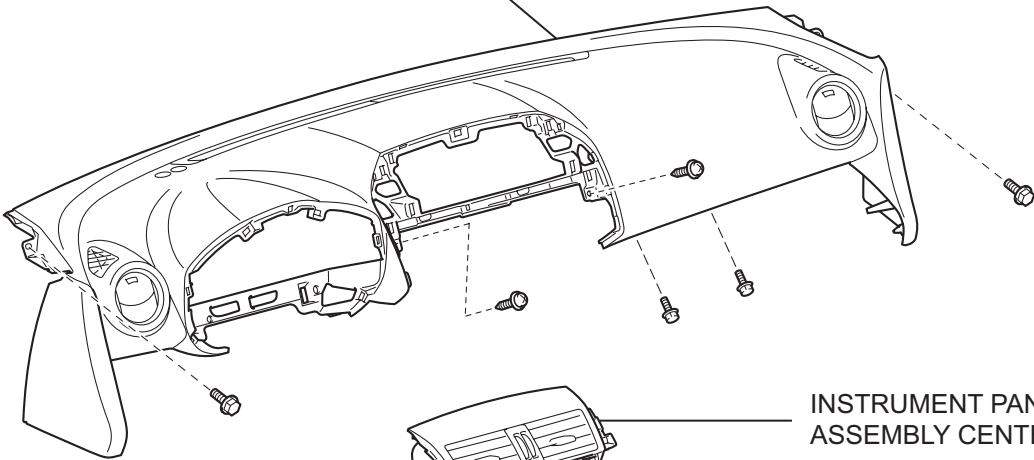
RF

w/ Rear No. 2 Seat



RF

INSTRUMENT PANEL SUB-ASSEMBLY

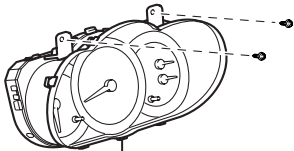


INSTRUMENT PANEL REGISTER
ASSEMBLY CENTER

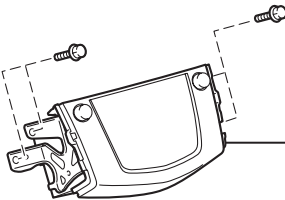
NO. 2 INSTRUMENT
CLUSTER FINISH PANEL
CENTER



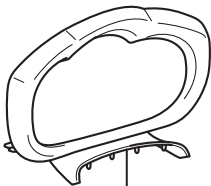
NO. 1 INSTRUMENT
CLUSTER FINISH
PANEL CENTER



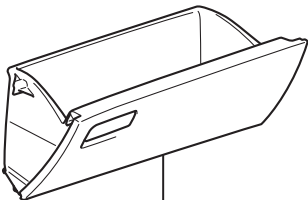
COMBINATION METER ASSEMBLY



RADIO RECEIVER



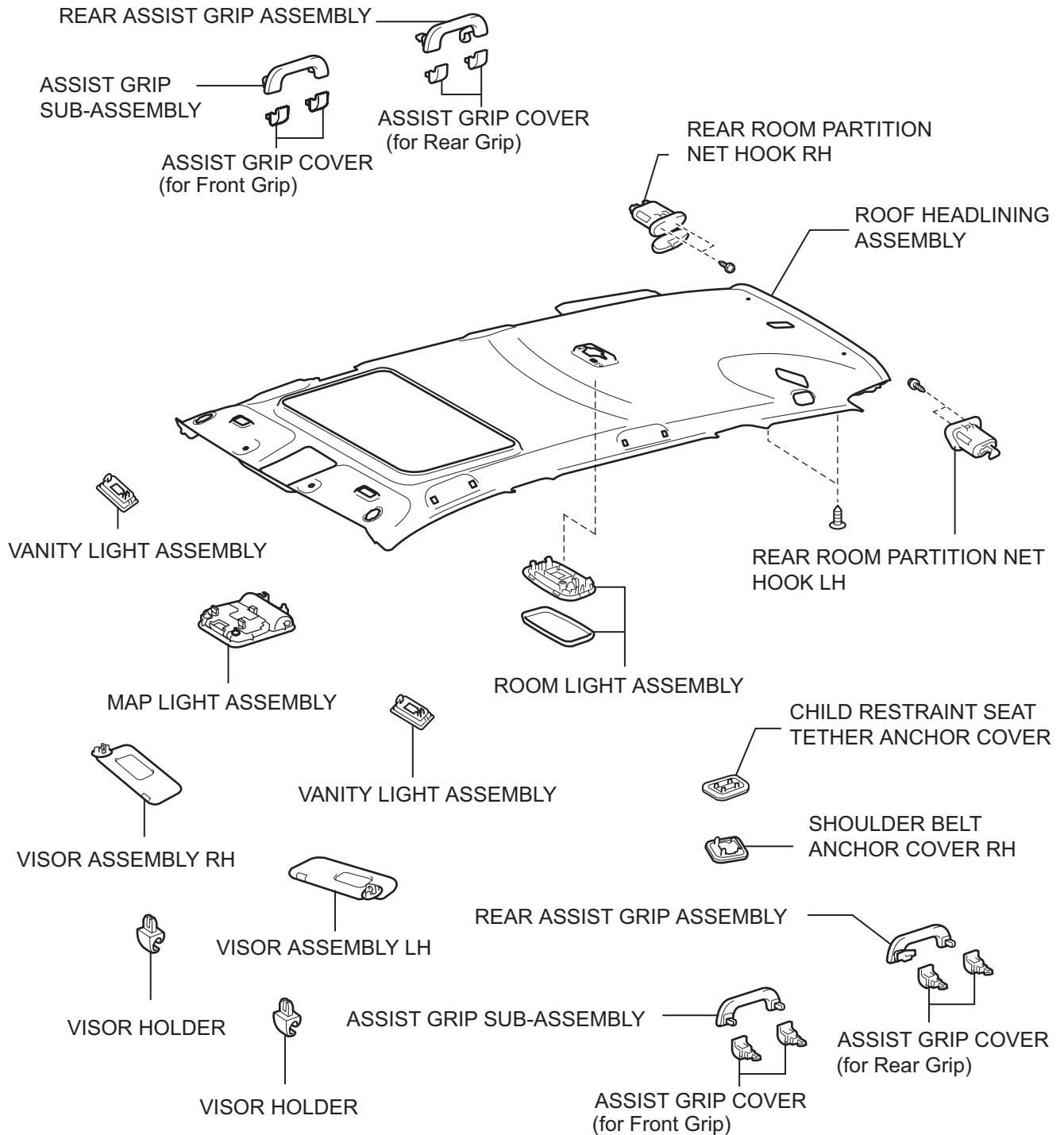
GLOVE COMPARTMENT DOORSTOPPER
SUB-ASSEMBLY



GLOVE COMPARTMENT
DOOR ASSEMBLY

INSTRUMENT CLUSTER FINISH PANEL ASSEMBLY

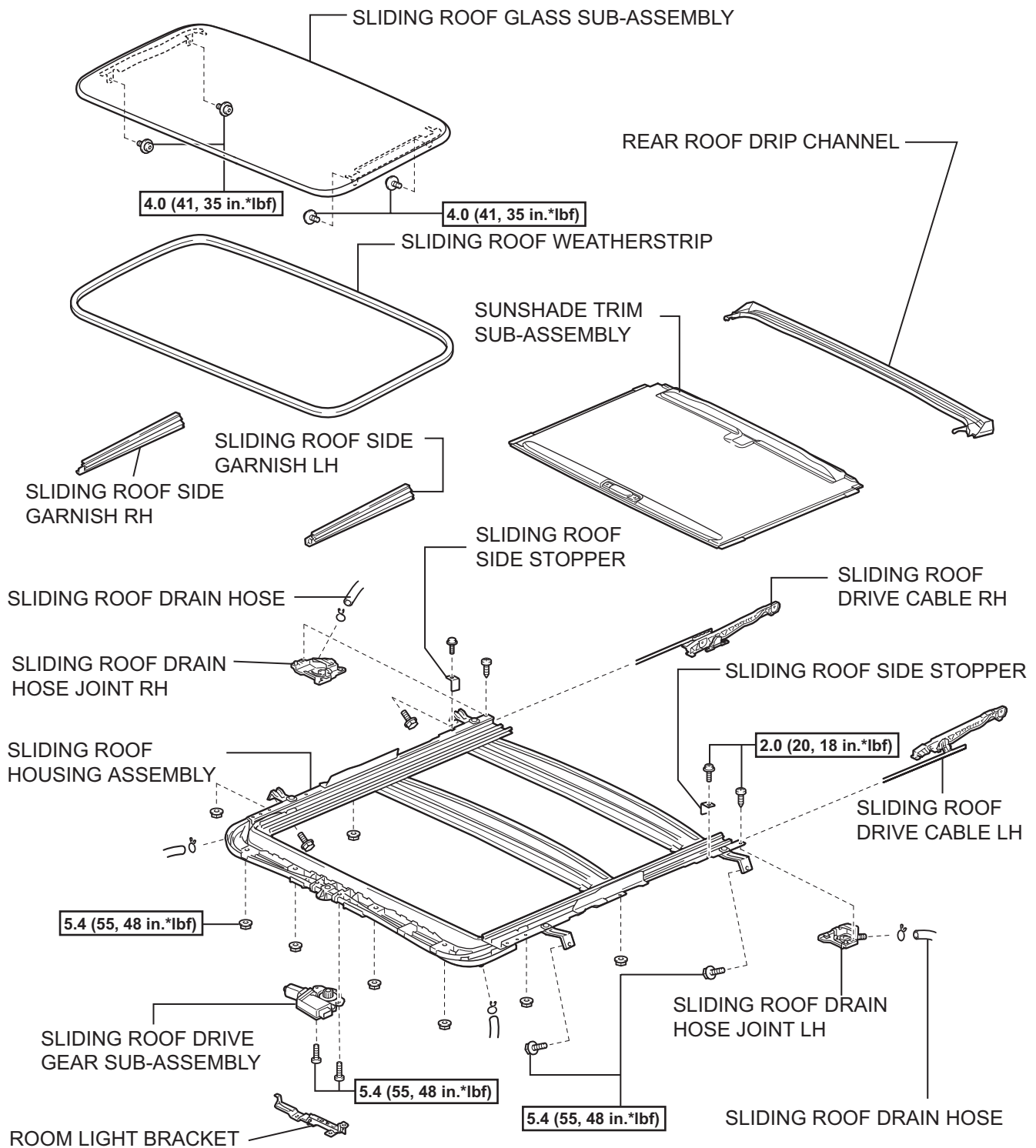
RF



COMPONENTS

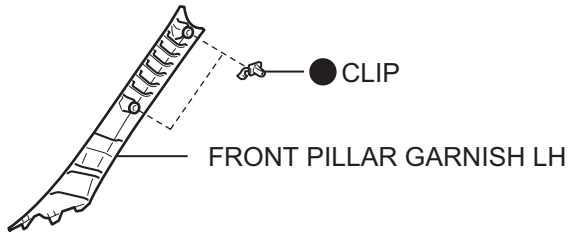
(2006/01-)

RF

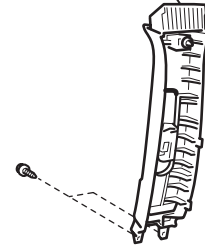


N*m (kgf*cm, ft.*lbf) : Specified torque

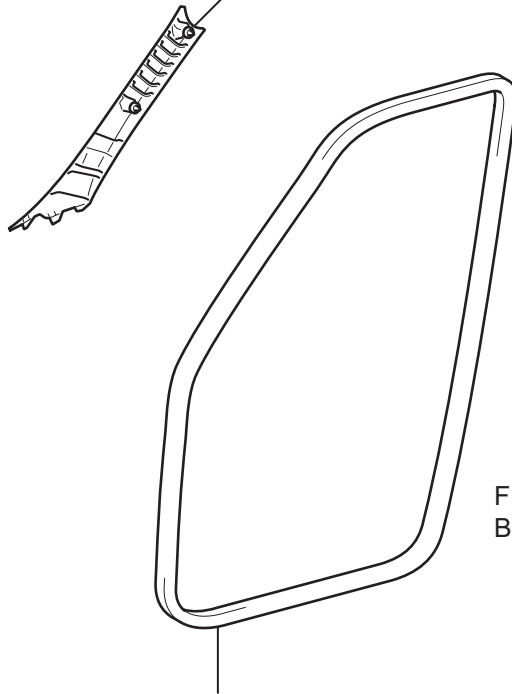
w/ Curtain Shield Airbag



CENTER PILLAR GARNISH LH



FRONT PILLAR GARNISH LH



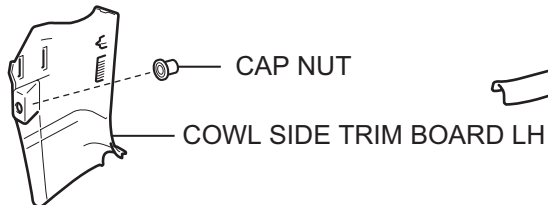
LAP BELT OUTER ANCHOR COVER

42 (428, 31)

FRONT SEAT OUTER BELT ASSEMBLY LH

LOWER CENTER PILLAR GARNISH LH

FRONT DOOR OPENING TRIM WEATHERSTRIP LH



CAP NUT

COWL SIDE TRIM BOARD LH



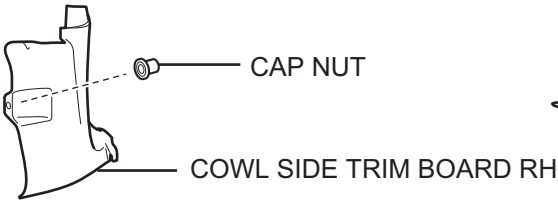
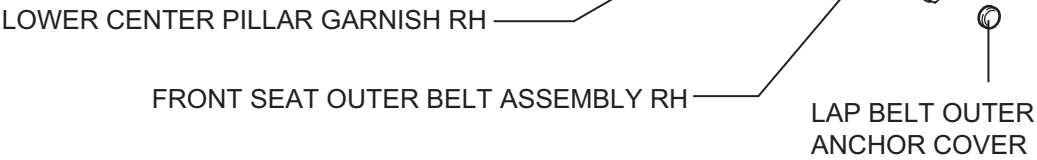
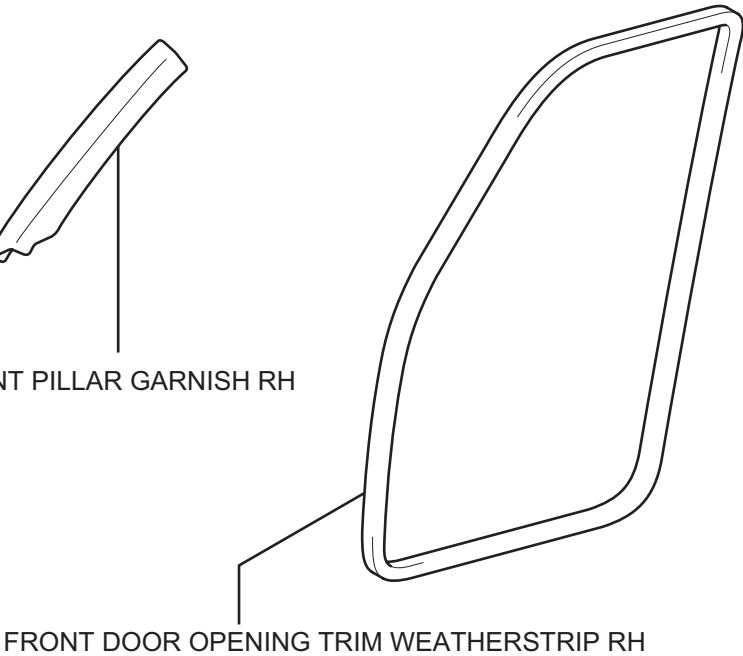
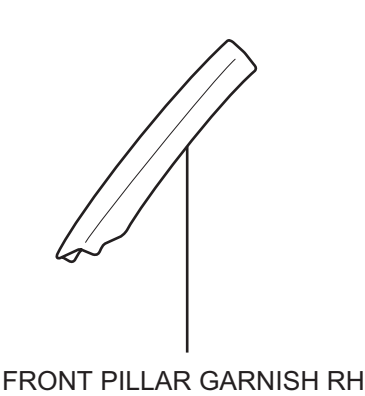
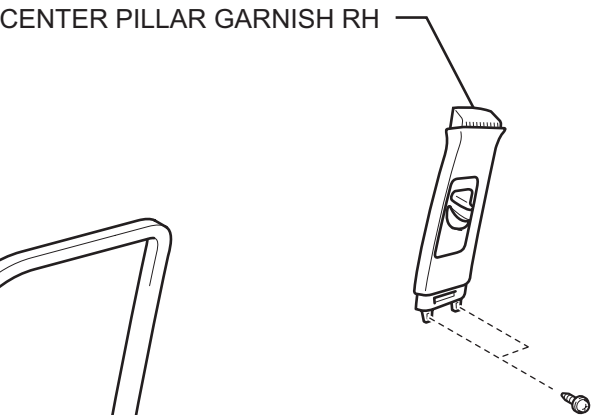
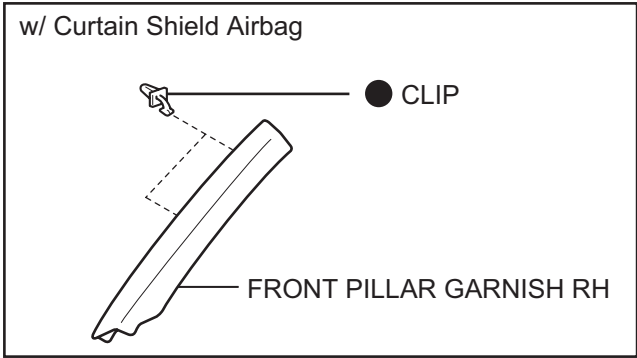
FRONT DOOR SCUFF PLATE LH

N*m (kgf*cm, ft.*lbf) : Specified torque

● Non-reusable part

RF

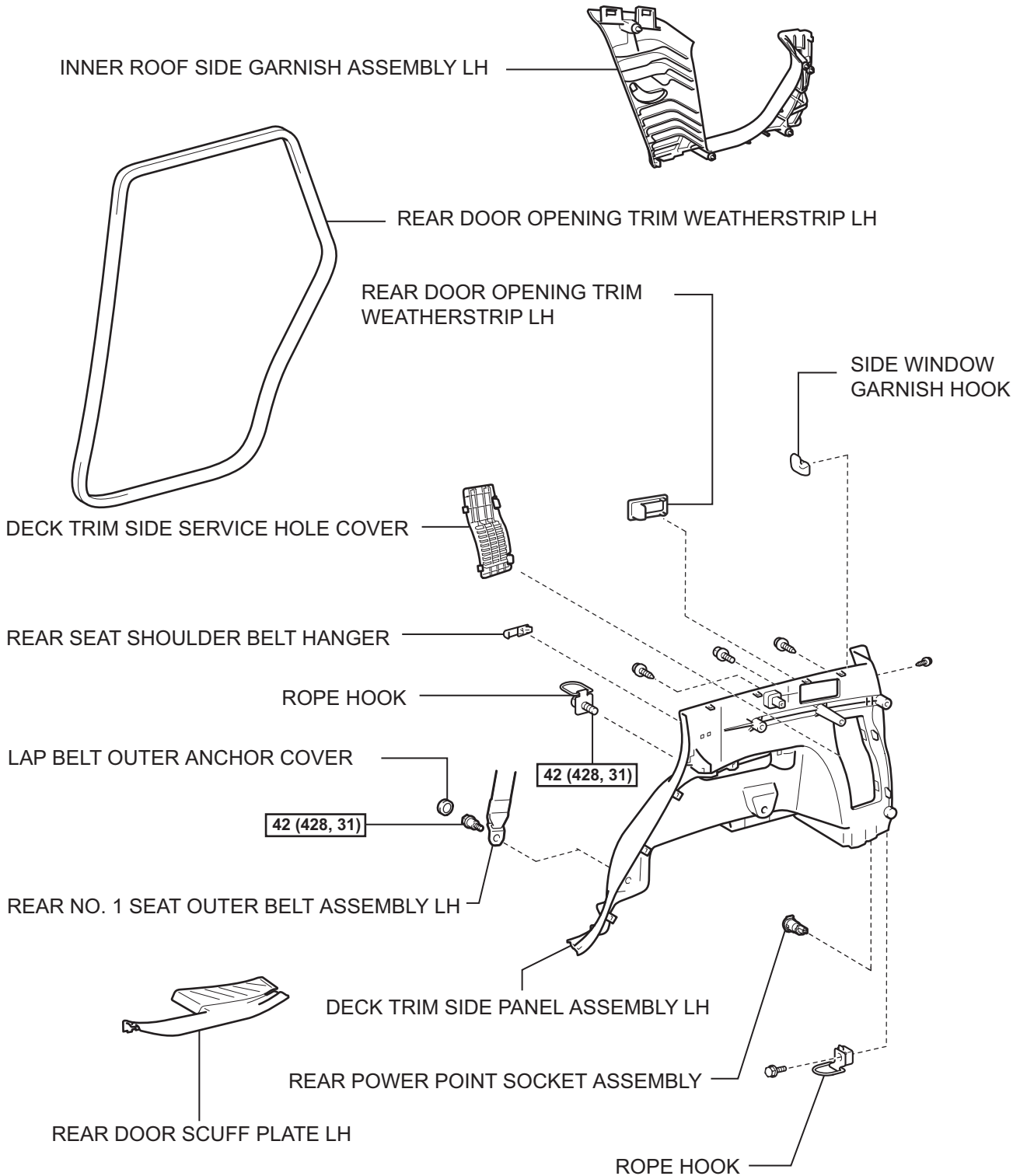
RF



N*m (kgf*cm, ft.*lbf) : Specified torque

● Non-reusable part

w/o Rear No. 2 Seat

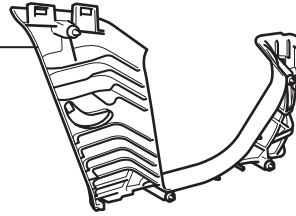


N*m (kgf*cm, ft.*lbf) : Specified torque

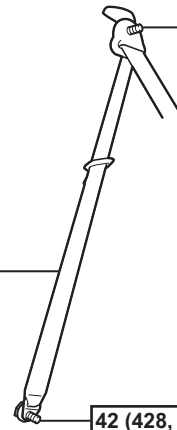
RF

w/ Rear No. 2 Seat

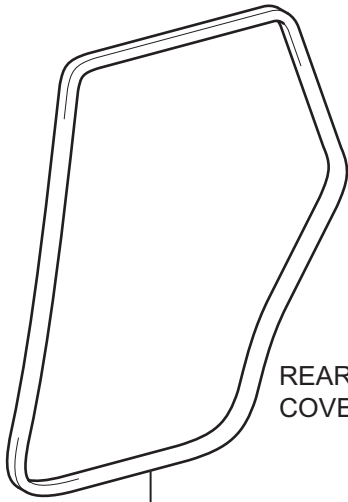
INNER ROOF SIDE GARNISH ASSEMBLY LH



42 (428, 31)

REAR NO. 2 SEAT OUTER
BELT ASSEMBLY LH

42 (428, 31)

REAR DECK TRIM
COVER LHREAR SEAT SHOULDER
BELT HANGERSIDE WINDOW
GARNISH HOOK

REAR DOOR OPENING TRIM WEATHERSTRIP LH

DECK TRIM SIDE SERVICE HOLE COVER

REAR SEAT SHOULDER
BELT HANGER

REAR NO. 1 SEAT OUTER BELT ASSEMBLY LH

LAP BELT OUTER ANCHOR COVER

42 (428, 31)

DECK TRIM SIDE PANEL ASSEMBLY LH

REAR POWER POINT SOCKET ASSEMBLY

REAR DOOR SCUFF PLATE LH

ROPE HOOK

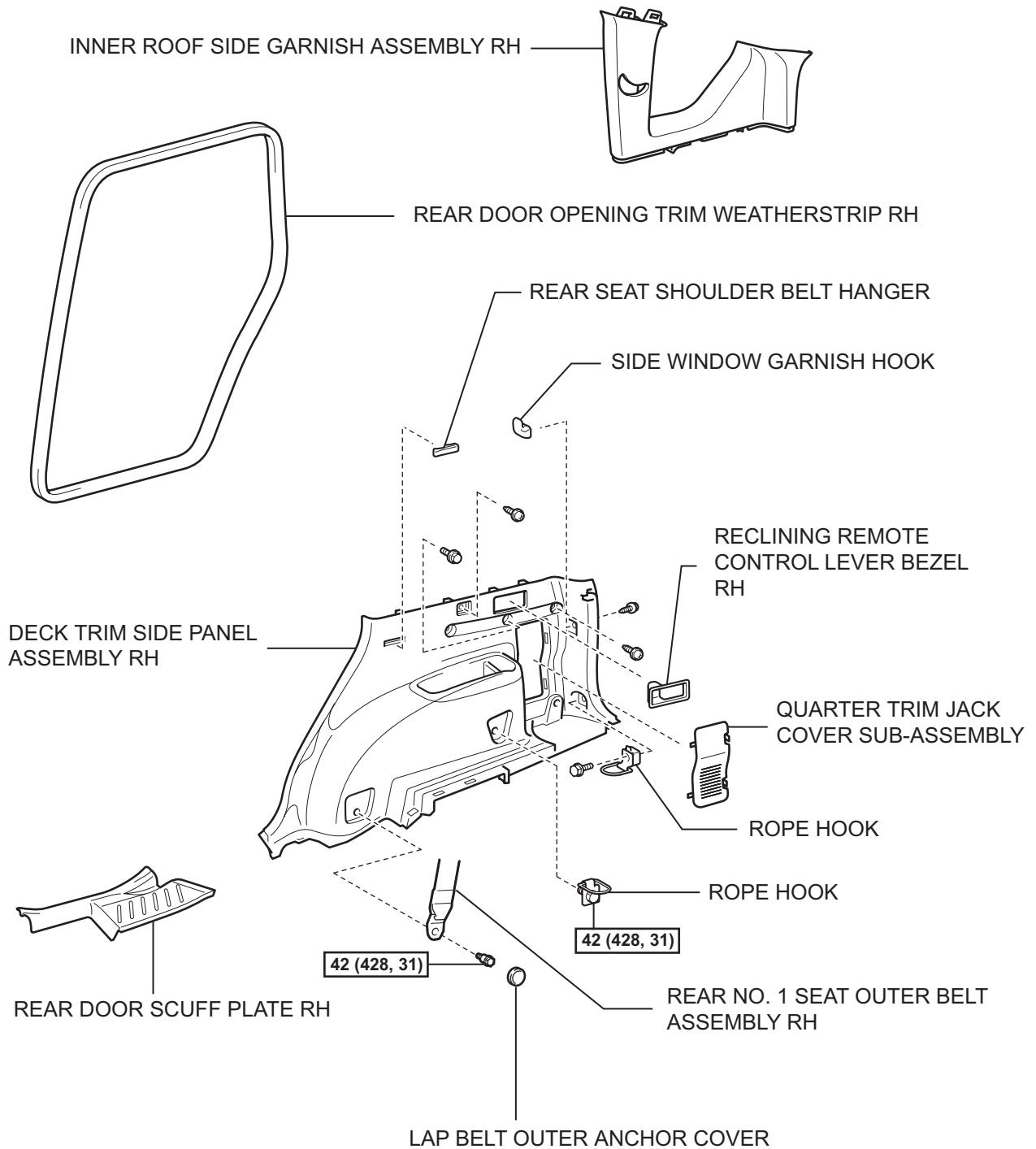
N*m (kgf*cm, ft.*lbf) : Specified torque

T

B130110E06

RF

w/o Rear No. 2 Seat



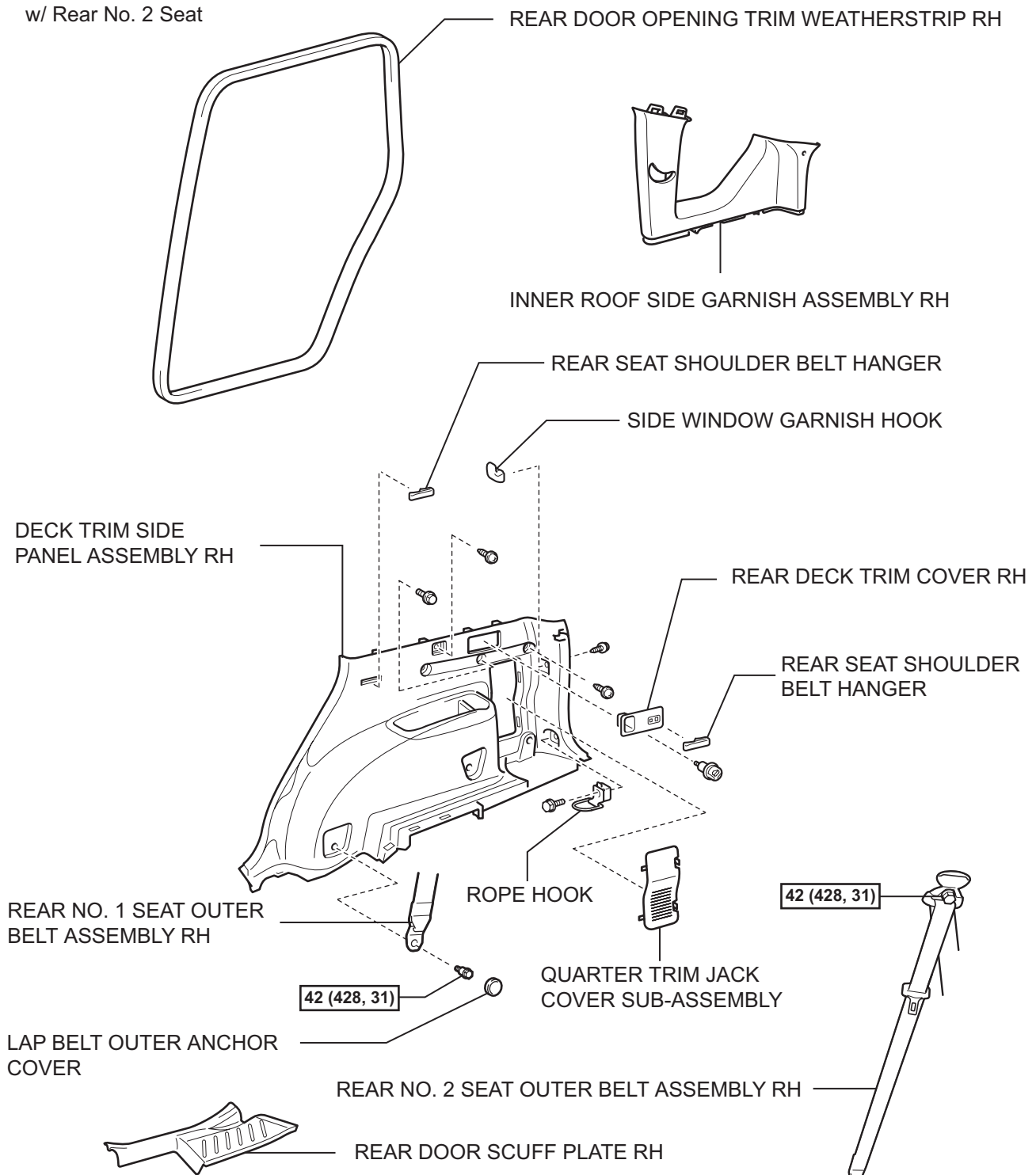
N*m (kgf*cm, ft.*lbf) : Specified torque

T

B131940E18

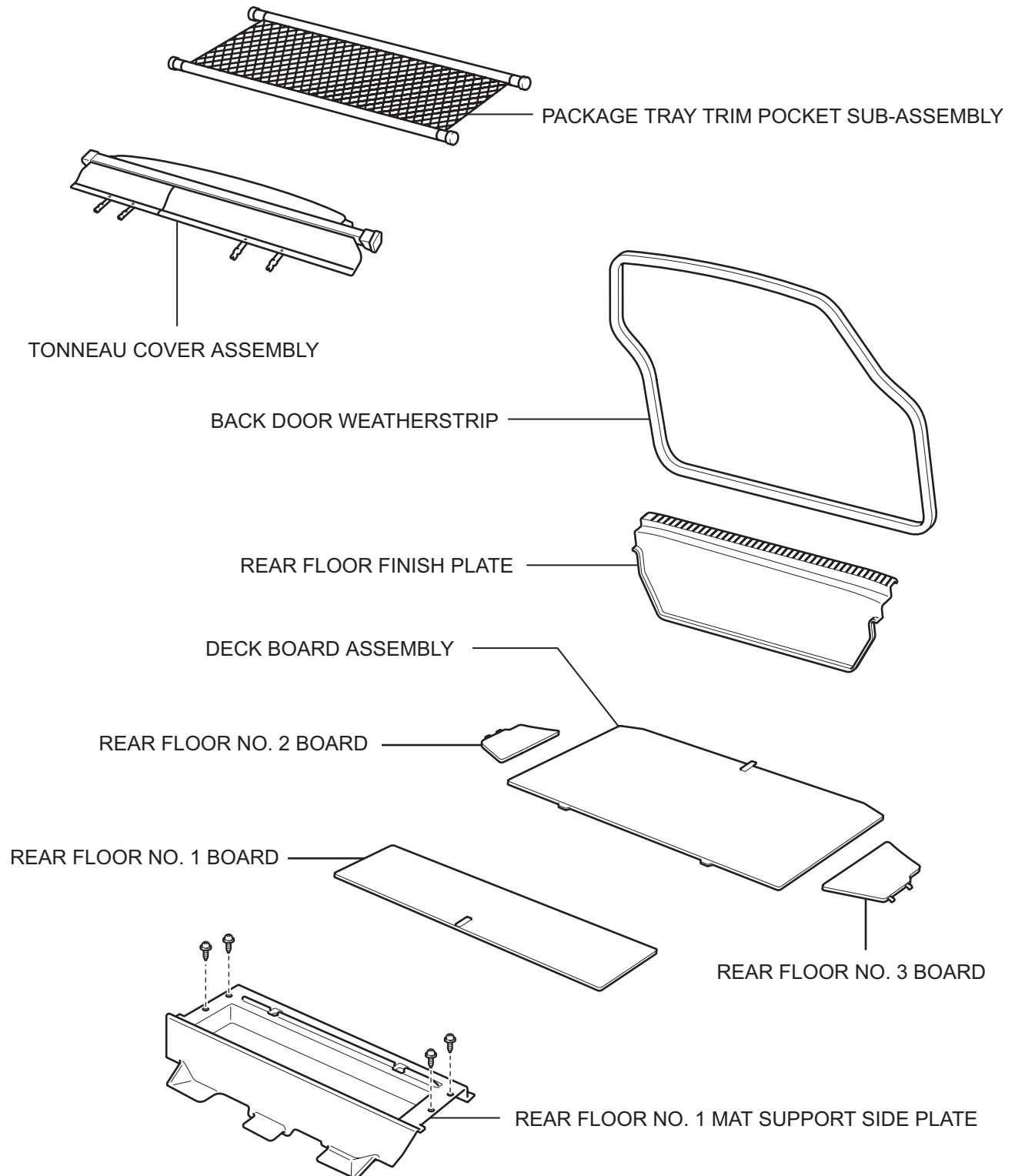
RF

RF



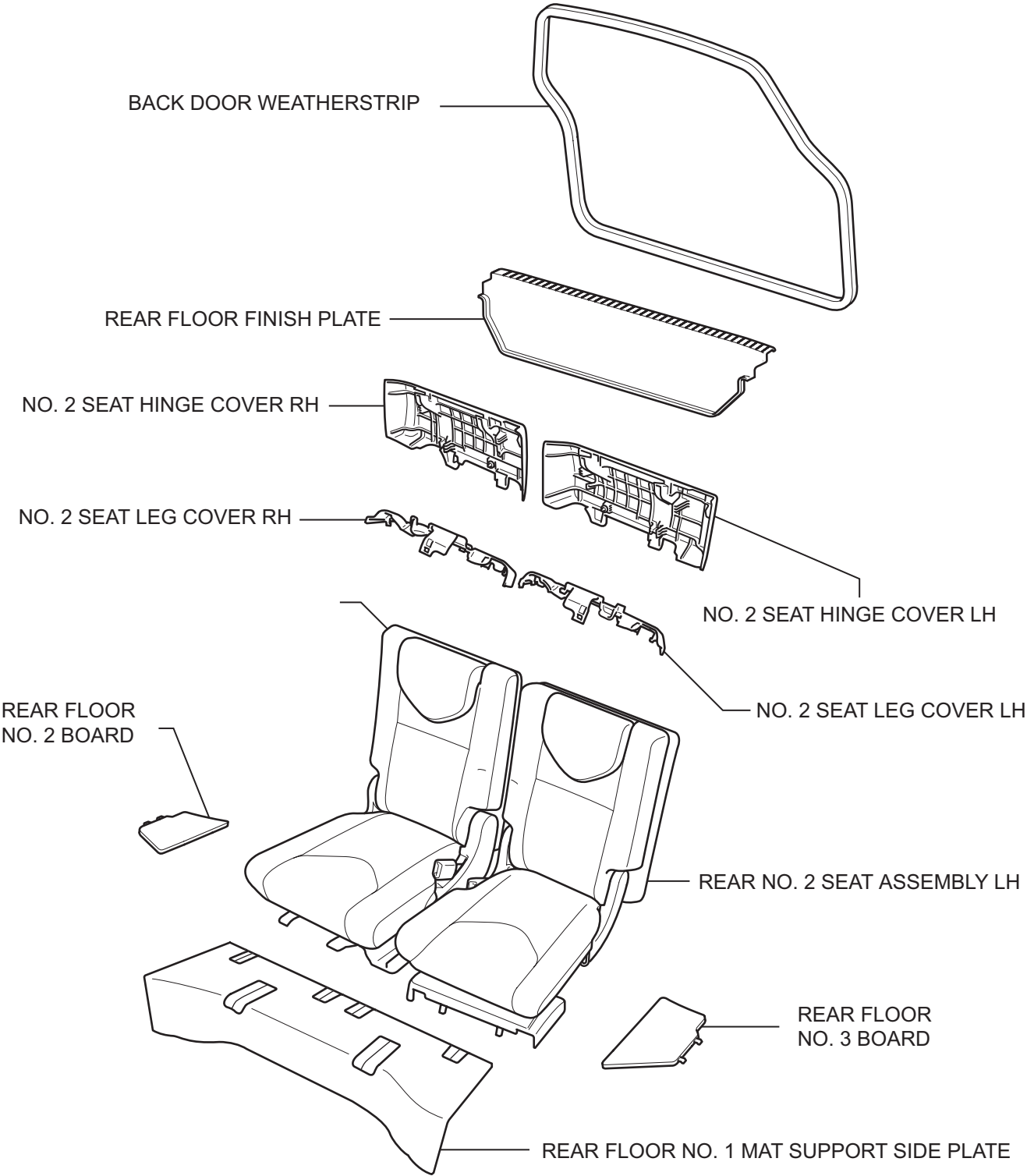
$\boxed{\text{N*m (kgf*cm, ft.*lbf)}}$: Specified torque

w/o Rear No. 2 Seat

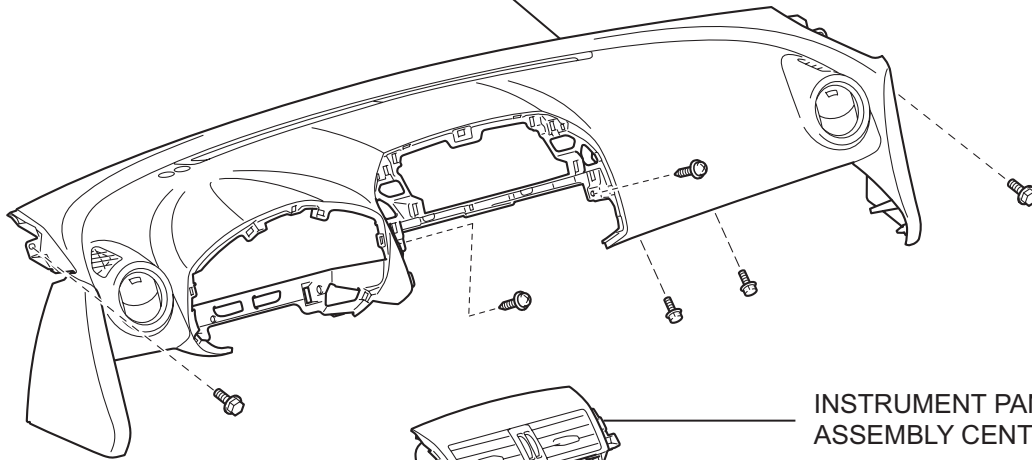
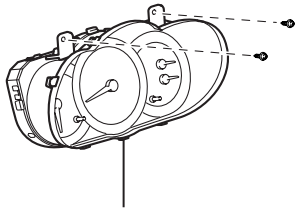


w/ Rear No. 2 Seat

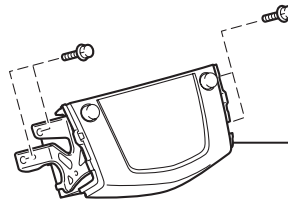
RF



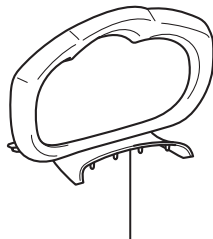
INSTRUMENT PANEL SUB-ASSEMBLY

INSTRUMENT PANEL REGISTER
ASSEMBLY CENTERNO. 2 INSTRUMENT
CLUSTER FINISH PANEL
CENTERNO. 1 INSTRUMENT
CLUSTER FINISH
PANEL CENTER

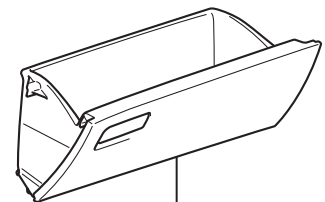
COMBINATION METER ASSEMBLY



RADIO RECEIVER

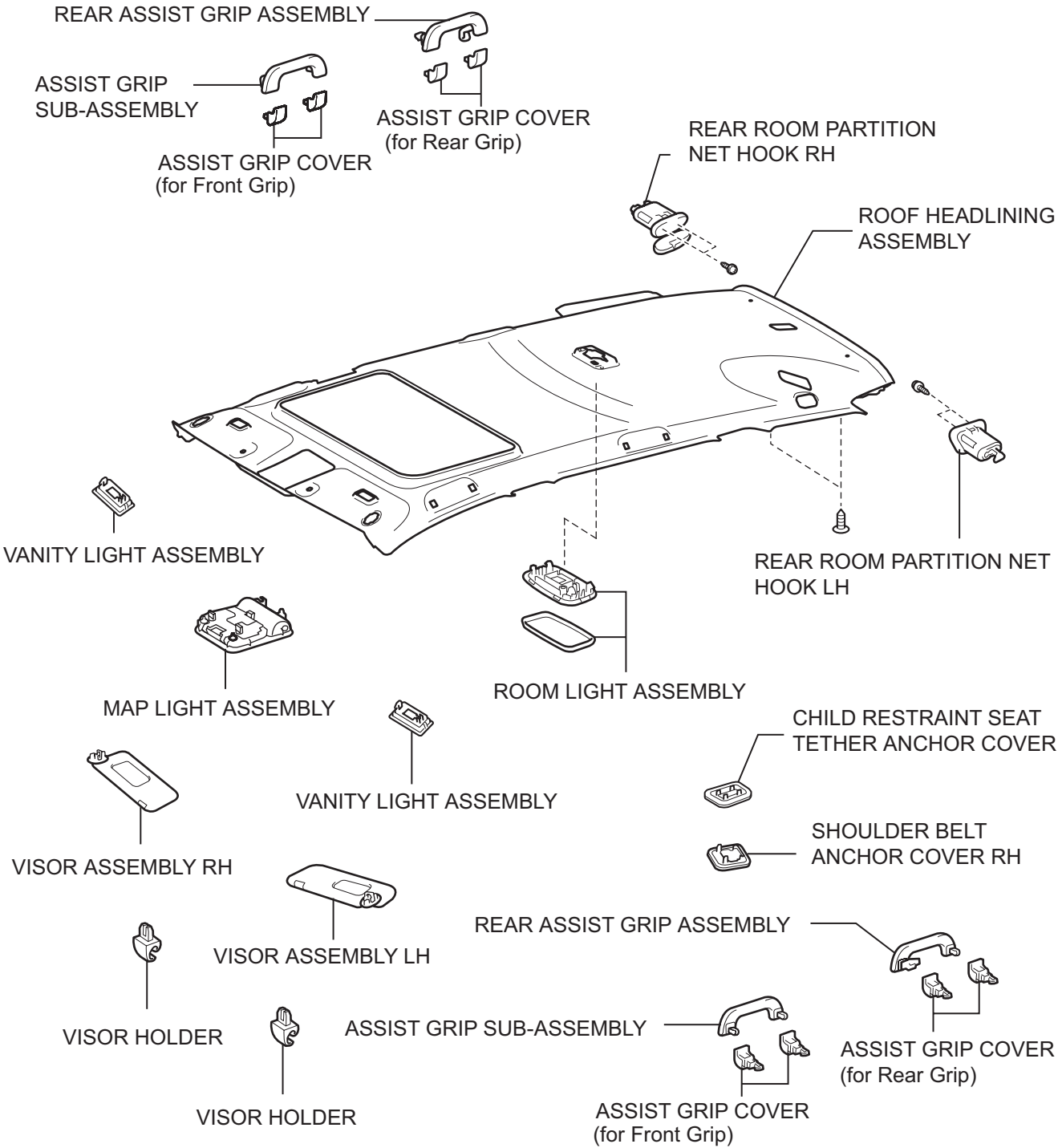


INSTRUMENT CLUSTER FINISH PANEL ASSEMBLY

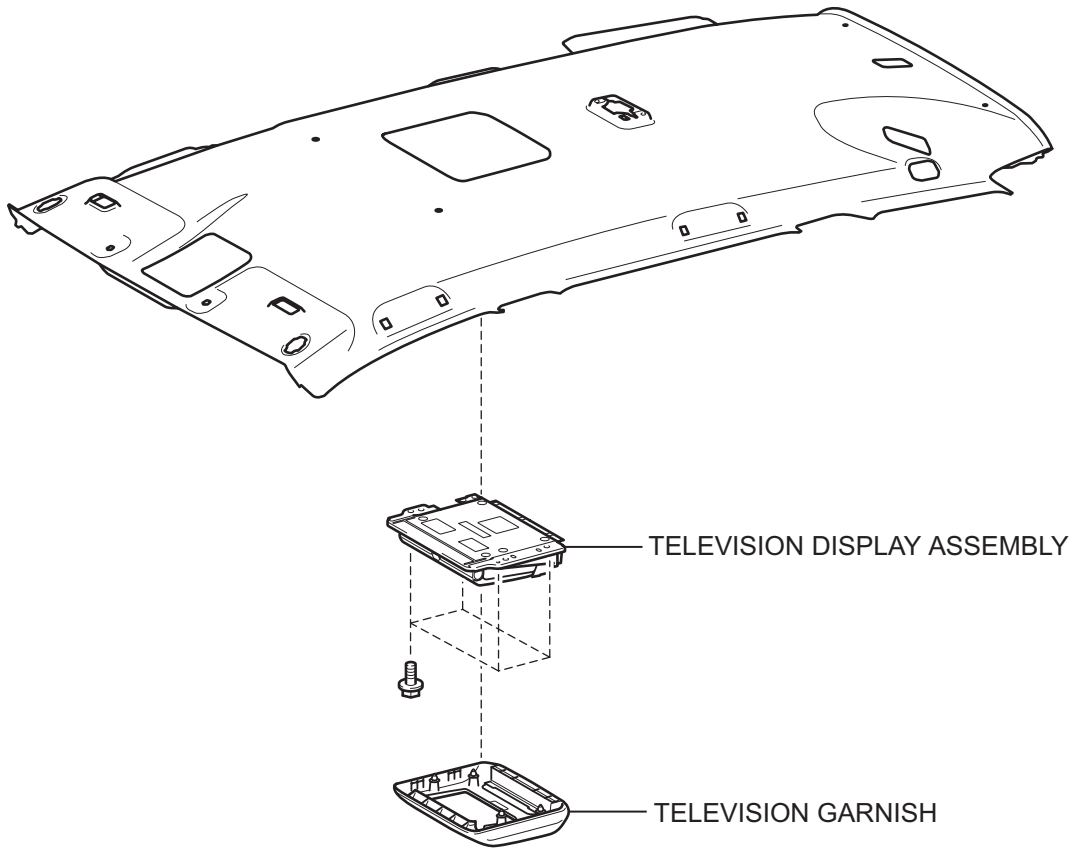
GLOVE COMPARTMENT DOORSTOPPER
SUB-ASSEMBLYGLOVE COMPARTMENT
DOOR ASSEMBLY

RF

RF



w/ Television Display

**RF**

REMOVAL

(2005/11-2006/01)

1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. REMOVE ROOF HEADLINING ASSEMBLY

(a) Remove the roof headlining (see page [IR-26](#)).

3. REMOVE SLIDING ROOF SIDE GARNISH LH

(a) Using a screwdriver, detach the claws and remove the garnish.

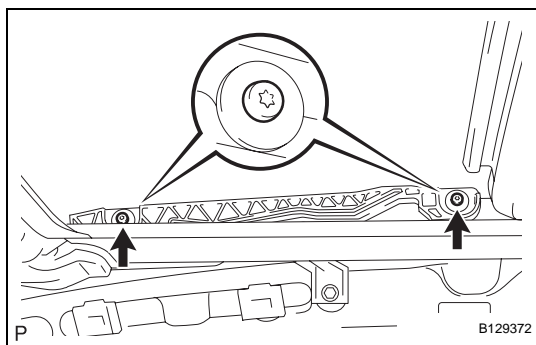
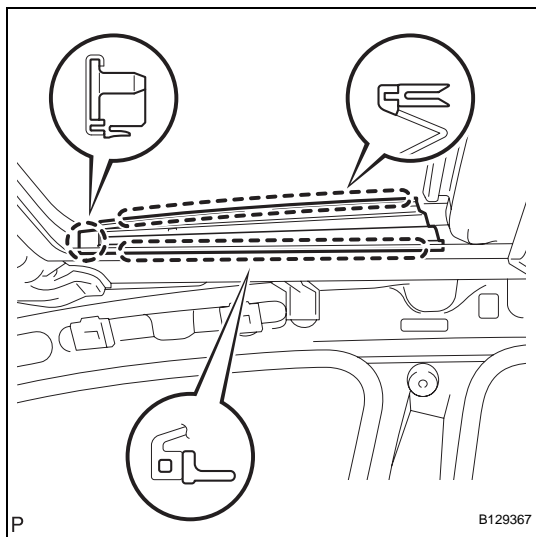
HINT:

Tape the screwdriver tip before use.

4. REMOVE SLIDING ROOF SIDE GARNISH RH

HINT:

Use the same procedures described for the LH side.



5. REMOVE SLIDING ROOF GLASS SUB-ASSEMBLY

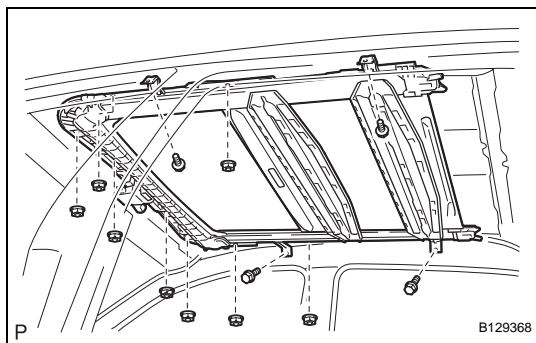
(a) Using a T25 "torx" driver, remove the 4 screws and glass.

(b) Pull the glass upward to remove it.

6. REMOVE SLIDING ROOF WEATHERSTRIP

7. DISCONNECT SLIDING ROOF DRAIN HOSE

(a) Disconnect the 4 drain hoses.



8. REMOVE SLIDING ROOF HOUSING ASSEMBLY

(a) Remove the 4 bolts, 8 nuts and housing.

NOTICE:

Be careful not to damage the curtain shield airbag when removing the housing.

REMOVAL

(2006/01-)

1. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. **REMOVE ROOF HEADLINING ASSEMBLY**

(a) Remove the roof headlining (see page [IR-37](#)).

3. **REMOVE SLIDING ROOF SIDE GARNISH LH**

(a) Using a screwdriver, detach the claws and remove the garnish.

HINT:

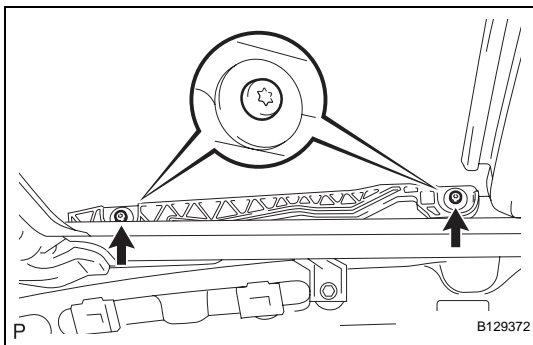
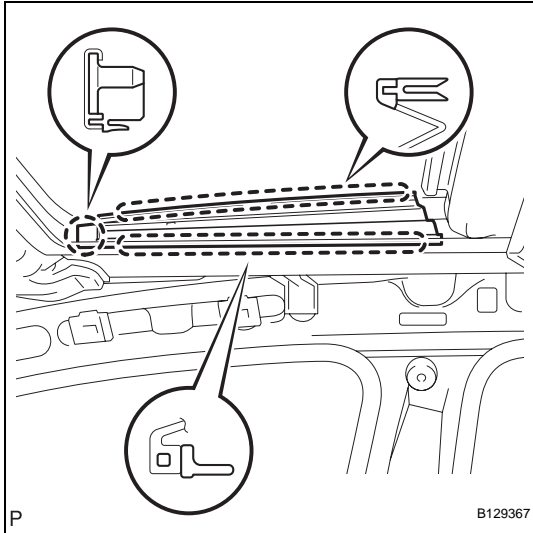
Tape the screwdriver tip before use.

4. **REMOVE SLIDING ROOF SIDE GARNISH RH**

HINT:

Use the same procedures described for the LH side.

RF



5. **REMOVE SLIDING ROOF GLASS SUB-ASSEMBLY**

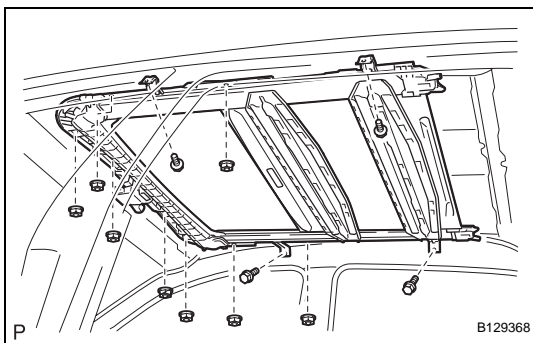
(a) Using a T25 "torx" driver, remove the 4 screws and glass.

(b) Pull the glass upward to remove it.

6. **REMOVE SLIDING ROOF WEATHERSTRIP**

7. **DISCONNECT SLIDING ROOF DRAIN HOSE**

(a) Disconnect the 4 drain hoses.



8. **REMOVE SLIDING ROOF HOUSING ASSEMBLY**

(a) Remove the 4 bolts, 8 nuts and housing.

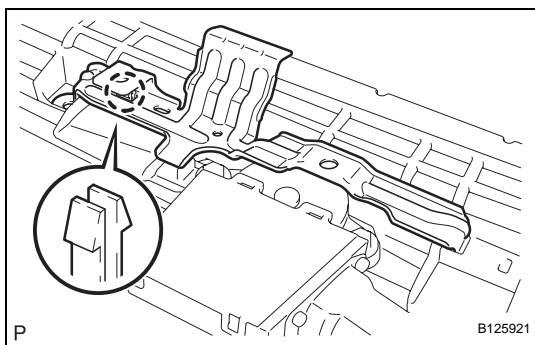
NOTICE:

Be careful not to damage the curtain shield airbag when removing the housing.

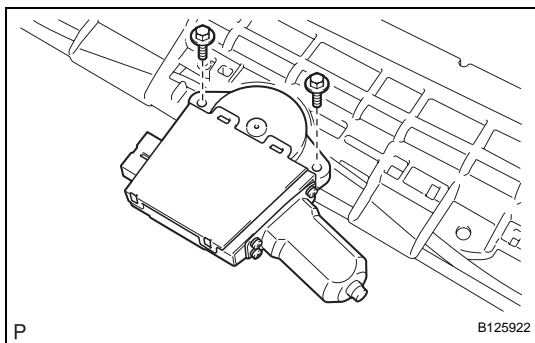
DISASSEMBLY

1. REMOVE SLIDING ROOF DRIVE GEAR SUB-ASSEMBLY

(a) Remove the claw and room light bracket.



(b) Remove the 2 bolts and drive gear.



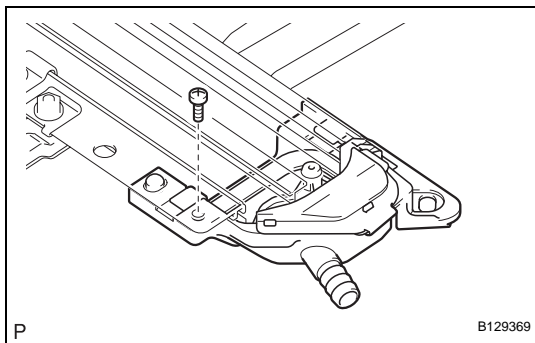
2. REMOVE SLIDING ROOF DRAIN HOSE JOINT LH

(a) Remove the screw and joint.

3. REMOVE SLIDING ROOF DRAIN HOSE JOINT RH

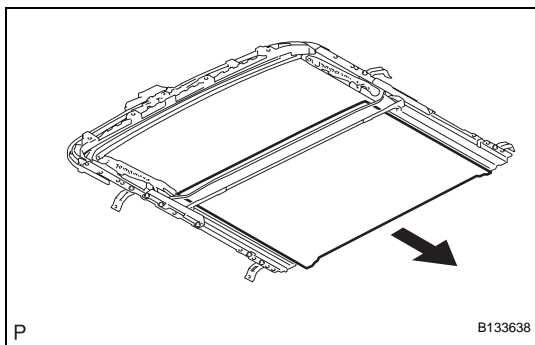
HINT:

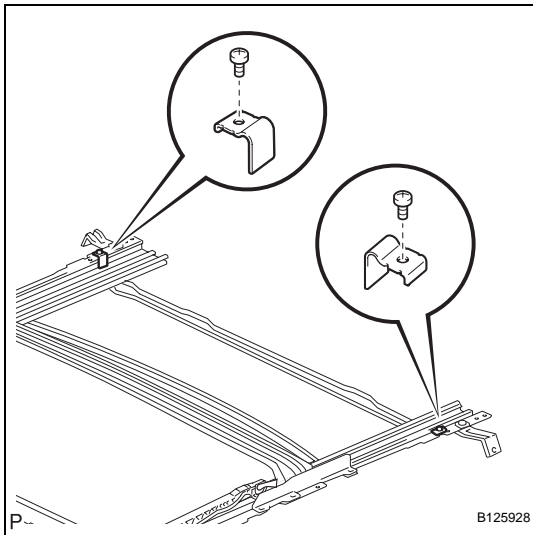
Use the same procedures described for the LH side.



4. REMOVE SUNSHADE TRIM SUB-ASSEMBLY

(a) Slide and remove the sunshade trim sub-assembly.



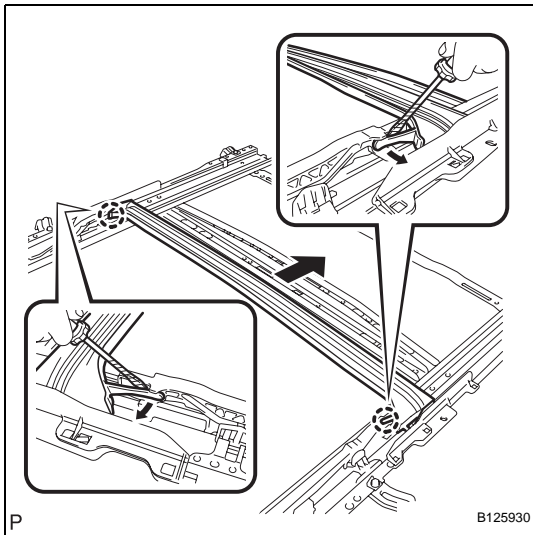


5. REMOVE SLIDING ROOF DRIVE CABLE

NOTICE:

Do not disassemble the sliding roof drive cable sub-assembly except when replacing it.

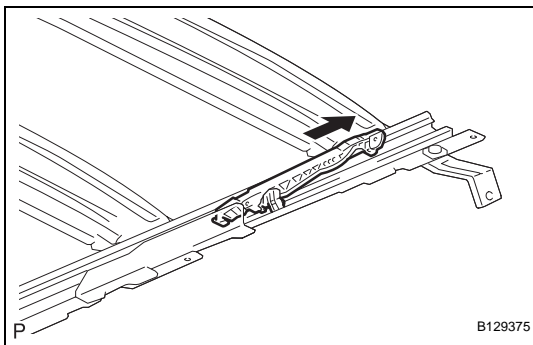
- (a) Remove the 2 screws and 2 sliding roof side stoppers.



- (b) Using a screwdriver, detach the 2 claws. Then slide the drip channel rearward to remove it.

HINT:

Tape the screwdriver tip before use.



- (c) Using a screwdriver, slide the drive cables backward and remove them.

HINT:

- Tape the screwdriver tip before use.

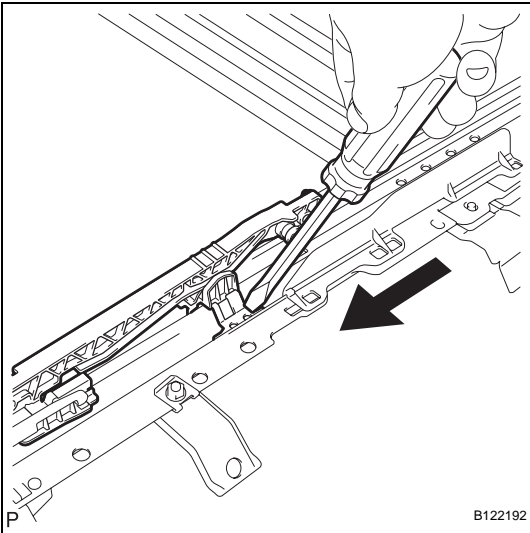
REASSEMBLY

1. INSTALL SLIDING ROOF DRIVE CABLE

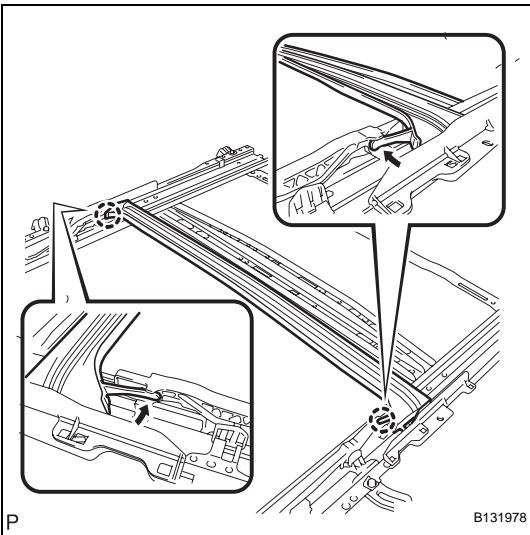
- (a) Using a screwdriver, slide the sliding roof drive cable sub-assemblies in the direction indicated by the arrow in the illustration to install them.

HINT:

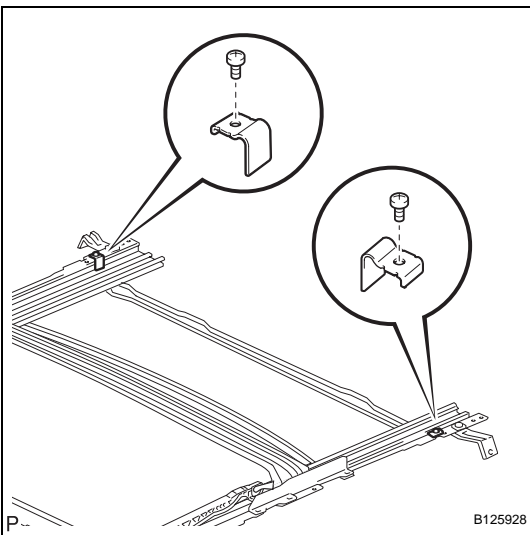
Tape the screwdriver tip before use.



RF

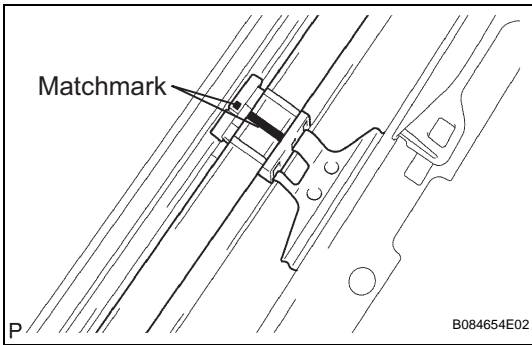


- (b) Engage the 2 claws and install the sliding roof drip channel.



- (c) Install the 2 sliding roof side stoppers with the 2 screws.

Torque: 2.0 N*m (20 kgf*cm, 18 in.*lbf)

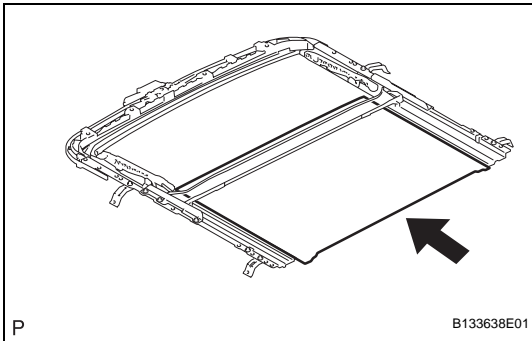


2. ADJUST FULLY CLOSED POSITION

- (a) Using a screwdriver, slide the sliding roof drive cable LH and RH to align the matchmarks.

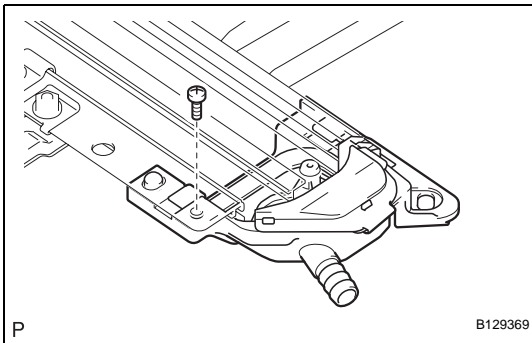
HINT:

Tape the screwdriver tip before use.



3. INSTALL SUNSHADE TRIM SUB-ASSEMBLY

- (a) Insert the sunshade trim into the sliding roof housing.



4. INSTALL SLIDING ROOF DRAIN HOSE JOINT LH

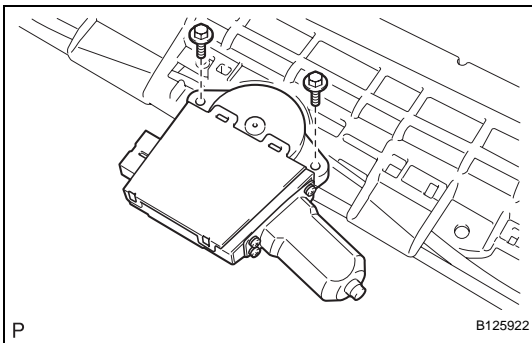
- (a) Install the joint with the screw.

Torque: 2.0 N*m (20 kgf*cm, 18 in.*lbf)

5. INSTALL SLIDING ROOF DRAIN HOSE JOINT RH

HINT:

Use the same procedures described for the LH side.

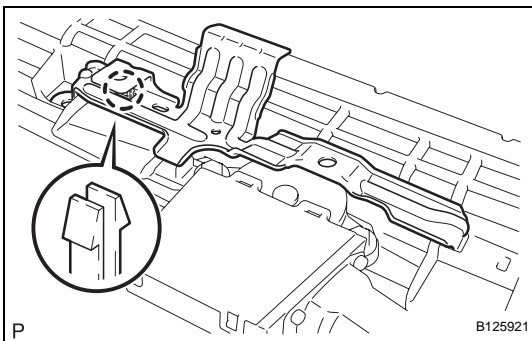


6. INSTALL SLIDING ROOF DRIVE GEAR SUB-ASSEMBLY

- (a) Install the drive gear with the 2 bolts.

Torque: 5.4 N*m (55 kgf*cm, 48 in.*lbf)

- (b) Attach the claw and install the sliding roof drive gear bracket.

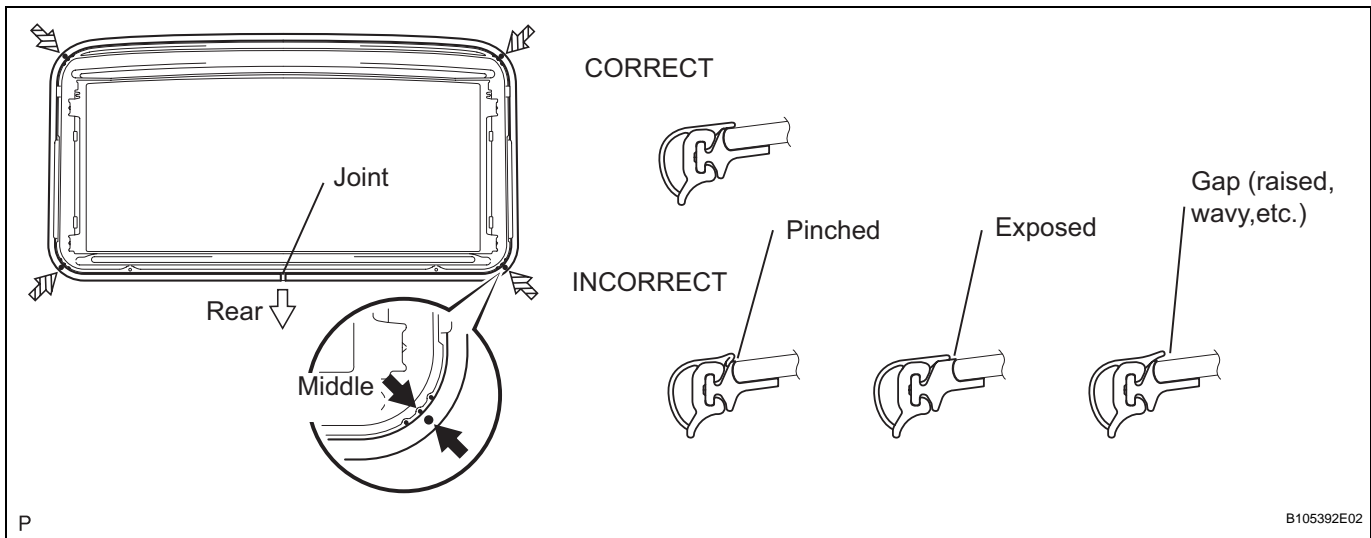


INSTALLATION

(2005/11-2006/01)

1. INSTALL SLIDING ROOF WEATHERSTRIP

(a) Install the sliding roof weatherstrip.

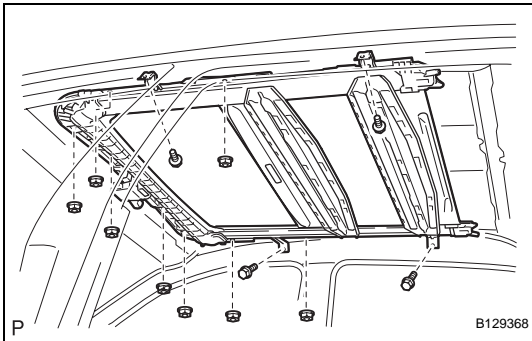


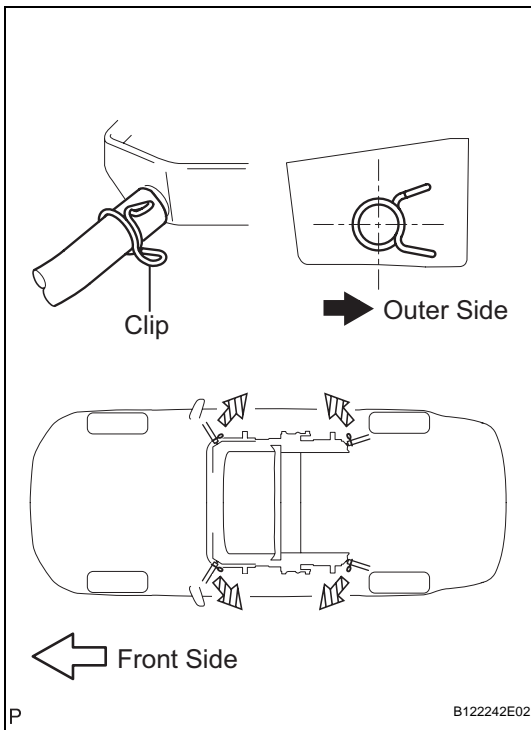
- (1) Position the joint of the weatherstrip at the rear center.
- (2) Align the marks on the weatherstrip with the middle marks at the corners of the plastic on the edge of the sliding roof panel and install the weatherstrip. Make sure that the marks on the weatherstrip are positioned within the area indicated by the marks at the corners of the plastic on the edge of the sliding roof panel.
- (3) Install the lip of the weatherstrip firmly.

2. INSTALL SLIDING ROOF HOUSING ASSEMBLY

(a) Install the housing with the 4 bolts and 8 nuts.

Torque: 5.4 N*m (55 kgf*cm, 48 in.*lbf)



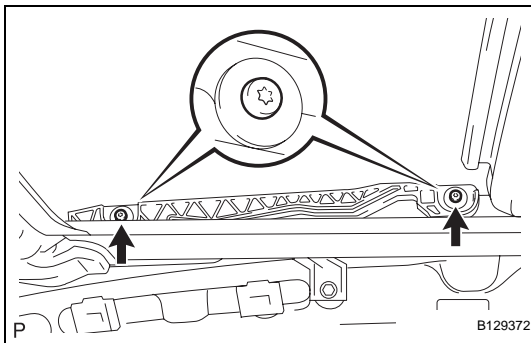


3. CONNECT SLIDING ROOF DRAIN HOSE

- (a) Connect the 4 drain hoses.

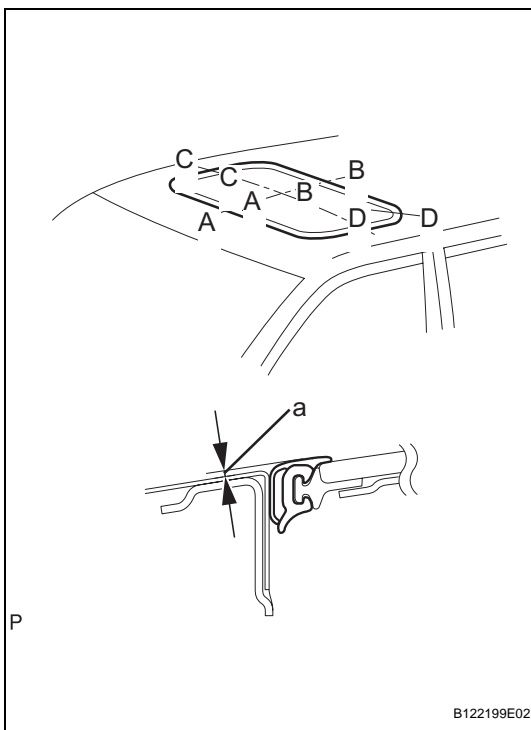
NOTICE:

The clip must face toward the outside of the vehicle and also be above the lower surface of the sliding roof housing when installing the drain hoses.



4. INSTALL SLIDING ROOF GLASS SUB-ASSEMBLY

- (a) Using a T25 "torx" driver, temporarily install the sliding roof glass sub-assembly with the 4 screws.



- (b) Perform a level check.

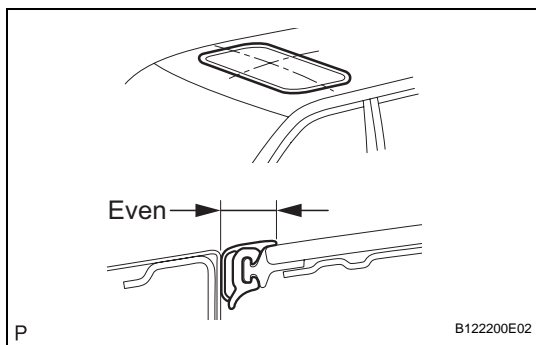
- (1) Check the difference in level for "a" between the roof panel and the upper surface of the weatherstrip when the sliding roof glass is fully closed.

Standard measurement

Area	Specified Condition
A - A	0 + 1.5 mm (0 + 0.059 in.) 0 - 1.5 mm (0 - 0.059 in.)
B - B	0 + 1.5 mm (0 + 0.059 in.) 0 - 1.5 mm (0 - 0.059 in.)
C - C	0 + 1.5 mm (0 + 0.059 in.) 0 - 1.5 mm (0 - 0.059 in.)
D - D	0 + 1.5 mm (0 + 0.059 in.) 0 - 1.0 mm (0 - 0.039 in.)

HINT:

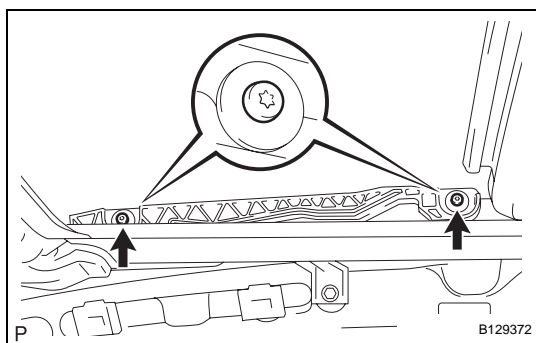
"+" represents the condition that the glass is above the panel level. "-" represents the condition that the glass is below the panel level.



- (c) Perform a gap check.
 (1) Check the gap between the roof panel and roof glass.

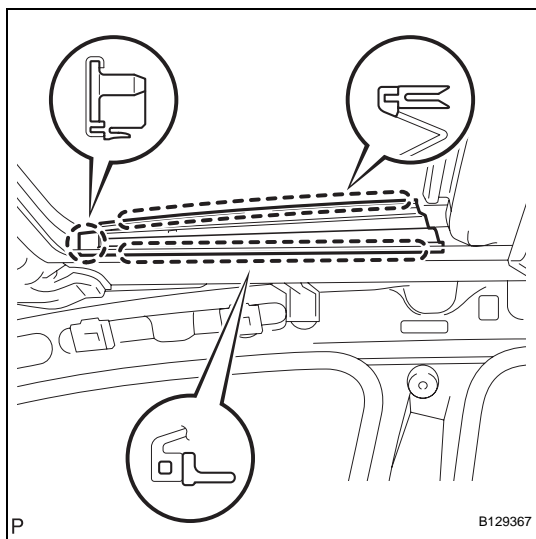
NOTICE:

The gap must be even all around.



- (d) Using a T25 "torx" driver, install the sliding roof glass with the 4 screws.

Torque: 4.0 N*m (41 kgf*cm, 35 in.*lbf)



5. INSTALL SLIDING ROOF SIDE GARNISH LH

- (a) Attach the claws to install the garnish.

6. INSTALL SLIDING ROOF SIDE GARNISH RH

HINT:

Use the same procedures described for the LH side.

7. CHECK FOR WATER LEAKS

- (a) Adjust the sliding roof glass sub-assembly, and check for water leaks.
 (b) If there are any leaks, readjust the sliding roof glass sub-assembly.

8. INSTALL ROOF HEADLINING ASSEMBLY

- (a) Install the roof headlining (see page [IR-49](#)).

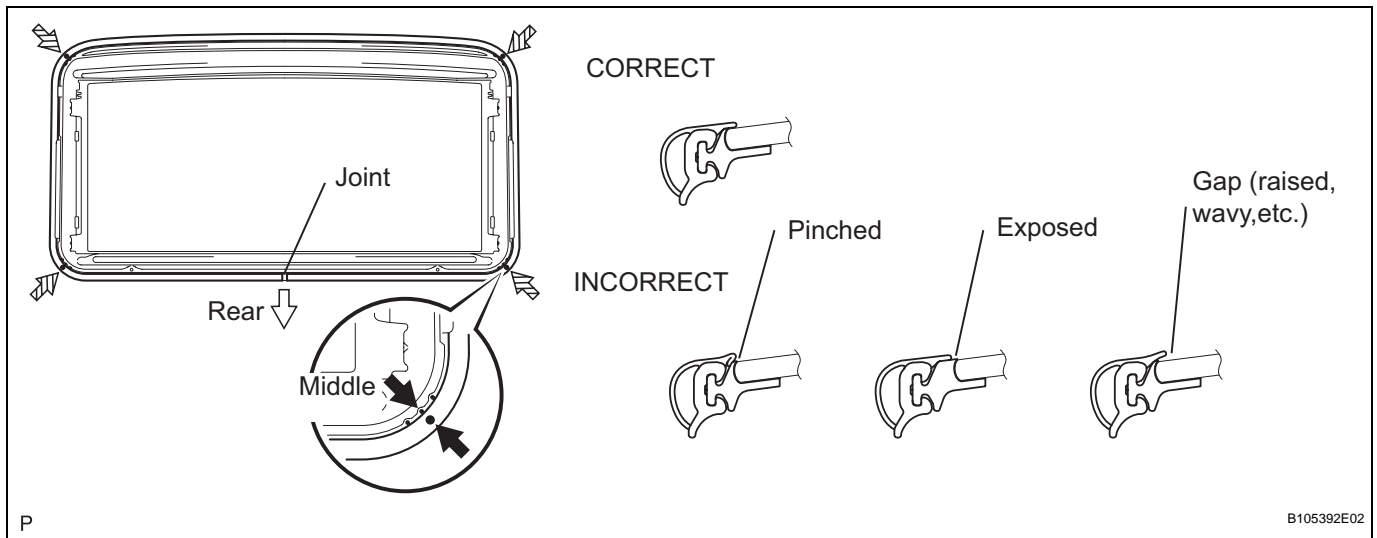
9. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

INSTALLATION

(2006/01-)

1. INSTALL SLIDING ROOF WEATHERSTRIP

(a) Install the sliding roof weatherstrip.

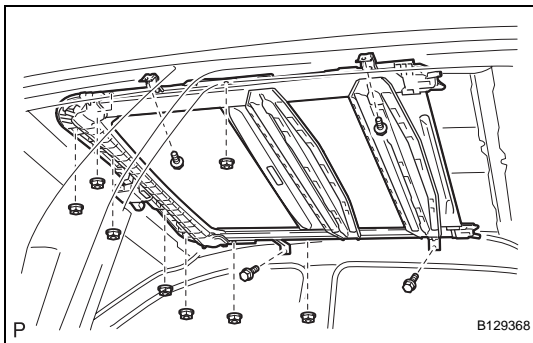


- (1) Position the joint of the weatherstrip at the rear center.
- (2) Align the marks on the weatherstrip with the middle marks at the corners of the plastic on the edge of the sliding roof panel and install the weatherstrip. Make sure that the marks on the weatherstrip are positioned within the area indicated by the marks at the corners of the plastic on the edge of the sliding roof panel.
- (3) Install the lip of the weatherstrip firmly.

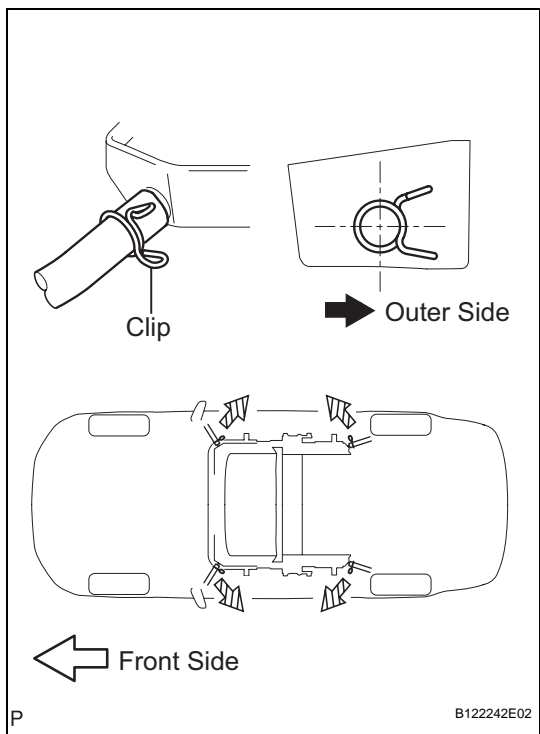
2. INSTALL SLIDING ROOF HOUSING ASSEMBLY

(a) Install the housing with the 4 bolts and 8 nuts.

Torque: 5.4 N*m (55 kgf*cm, 48 in.*lbf)



RF

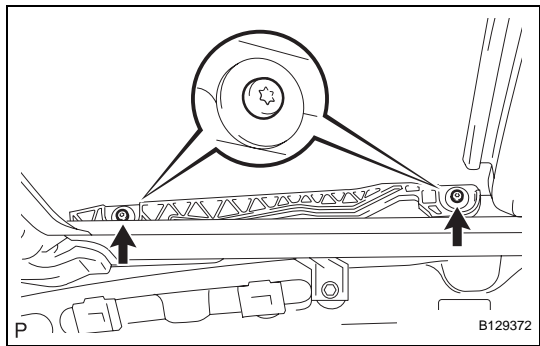


3. CONNECT SLIDING ROOF DRAIN HOSE

- (a) Connect the 4 drain hoses.

NOTICE:

The clip must face toward the outside of the vehicle and also be above the lower surface of the sliding roof housing when installing the drain hoses.



4. INSTALL SLIDING ROOF GLASS SUB-ASSEMBLY

- (a) Using a T25 "torx" driver, temporarily install the sliding roof glass sub-assembly with the 4 screws.

- (b) Perform a level check.

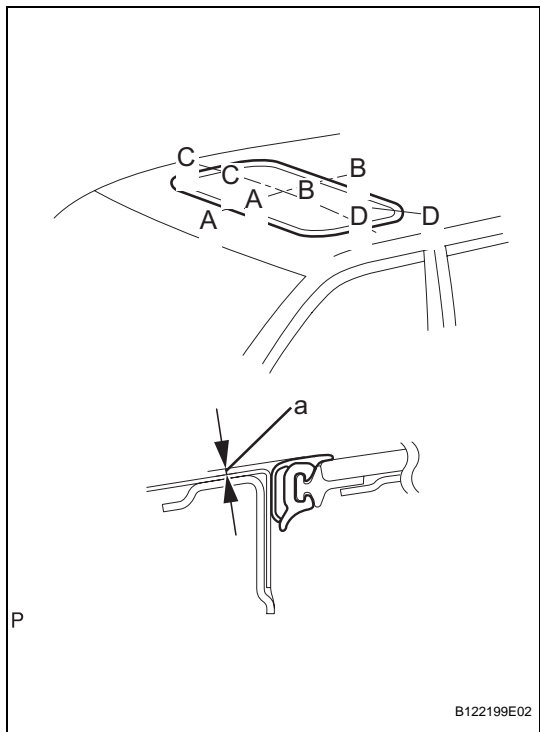
- (1) Check the difference in level for "a" between the roof panel and the upper surface of the weatherstrip when the sliding roof glass is fully closed.

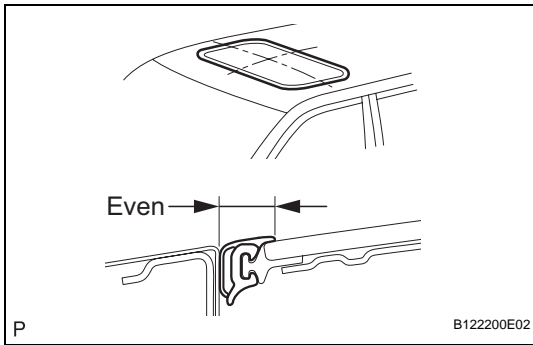
Standard measurement

Area	Specified Condition
A - A	0 + 1.5 mm (0 + 0.059 in.) 0 - 1.5 mm (0 - 0.059 in.)
B - B	0 + 1.5 mm (0 + 0.059 in.) 0 - 1.5 mm (0 - 0.059 in.)
C - C	0 + 1.5 mm (0 + 0.059 in.) 0 - 1.5 mm (0 - 0.059 in.)
D - D	0 + 1.5 mm (0 + 0.059 in.) 0 - 1.0 mm (0 - 0.039 in.)

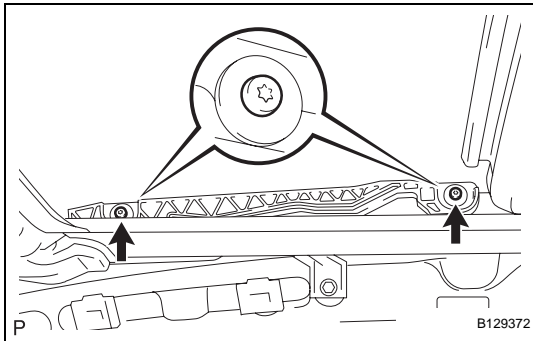
HINT:

"+" represents the condition that the glass is above the panel level. "-" represents the condition that the glass is below the panel level.

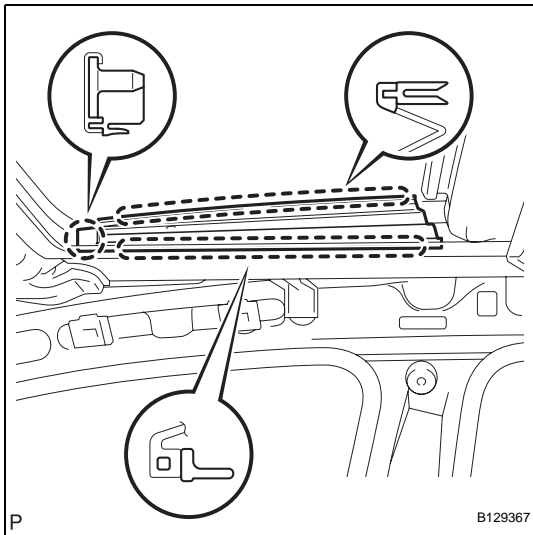




- (c) Perform a gap check.
 (1) Check the gap between the roof panel and roof glass.
NOTICE:
 The gap must be even all around.



- (d) Using a T25 "torx" driver, install the sliding roof glass with the 4 screws.
Torque: 4.0 N*m (41 kgf*cm, 35 in.*lbf)



5. INSTALL SLIDING ROOF SIDE GARNISH LH

- (a) Attach the claws to install the garnish.

6. INSTALL SLIDING ROOF SIDE GARNISH RH

HINT:

Use the same procedures described for the LH side.

7. CHECK FOR WATER LEAKS

- (a) Adjust the sliding roof glass sub-assembly, and check for water leaks.
 (b) If there are any leaks, readjust the sliding roof glass sub-assembly.

8. INSTALL ROOF HEADLINING ASSEMBLY

- (a) Install the roof headlining (see page [IR-59](#)).

9. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL